

FIG. 1

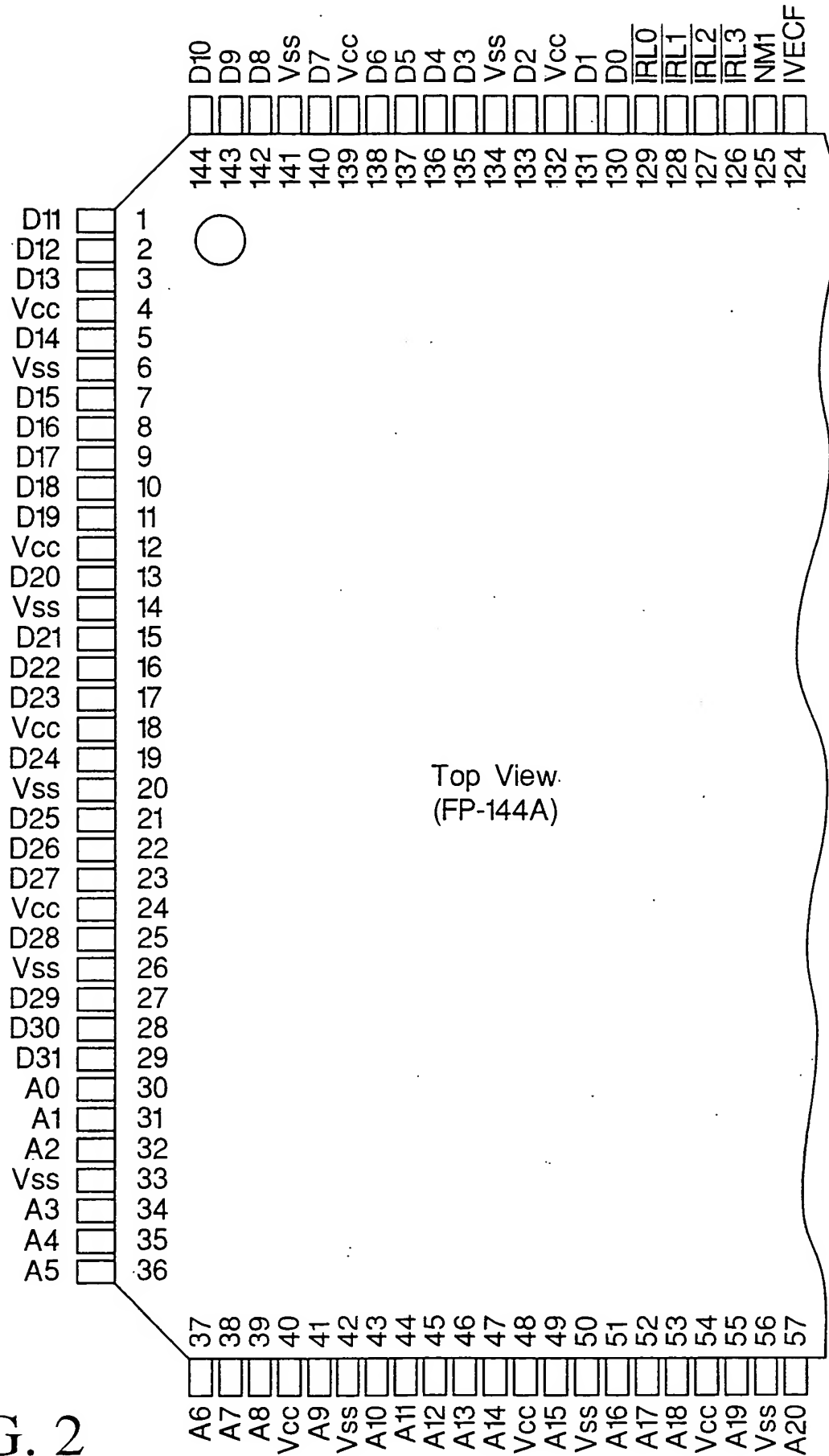


FIG. 2

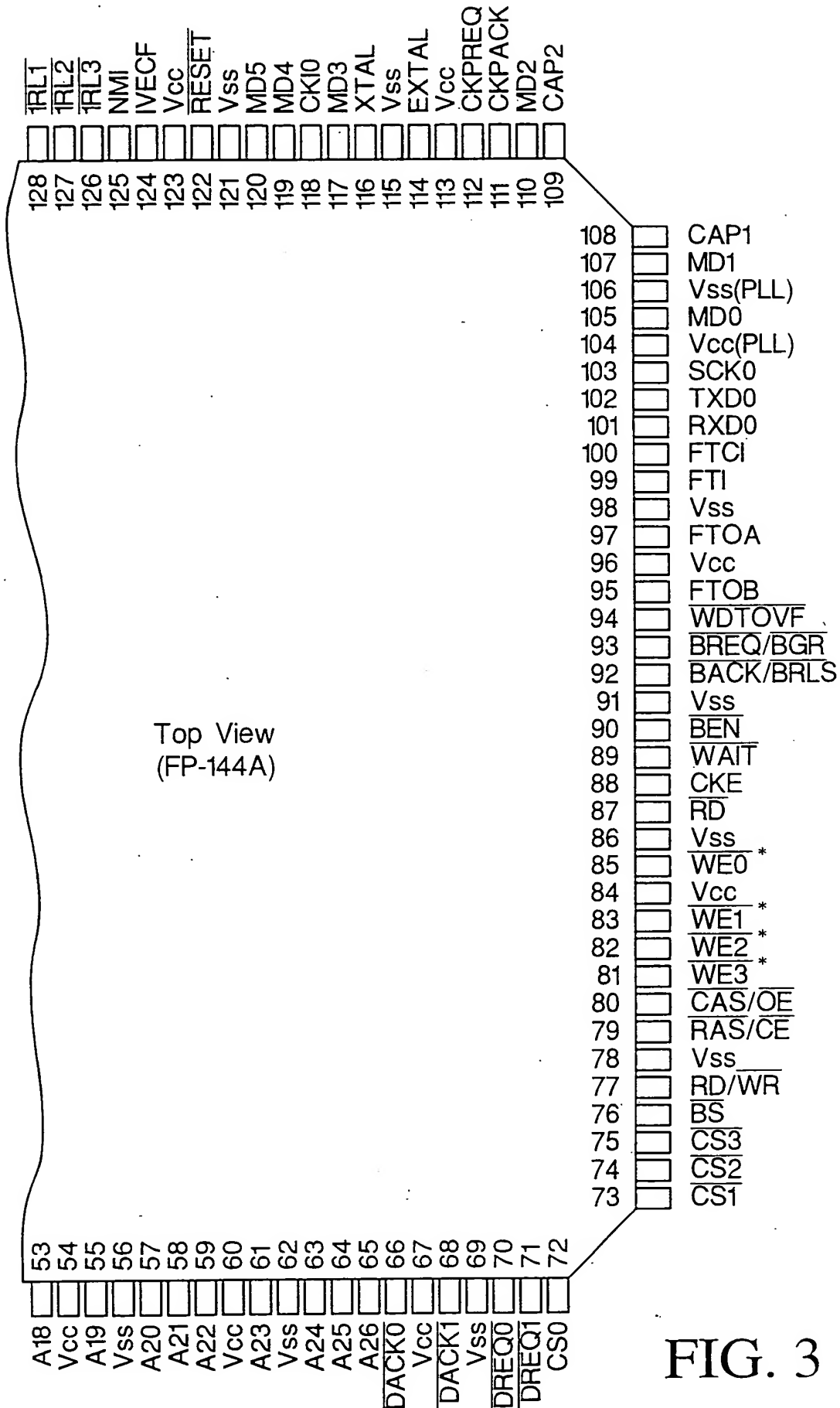


FIG. 3

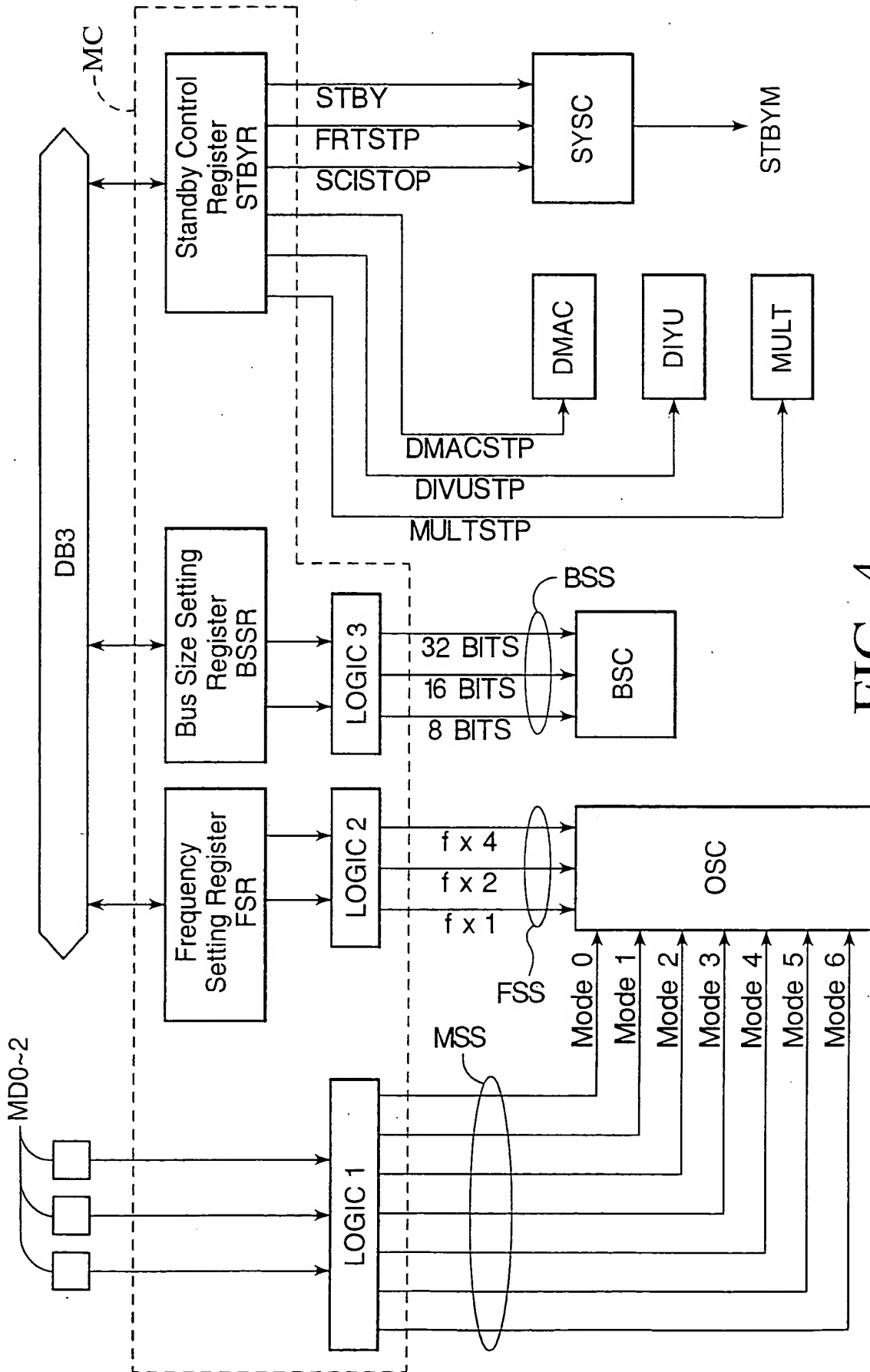


FIG. 4

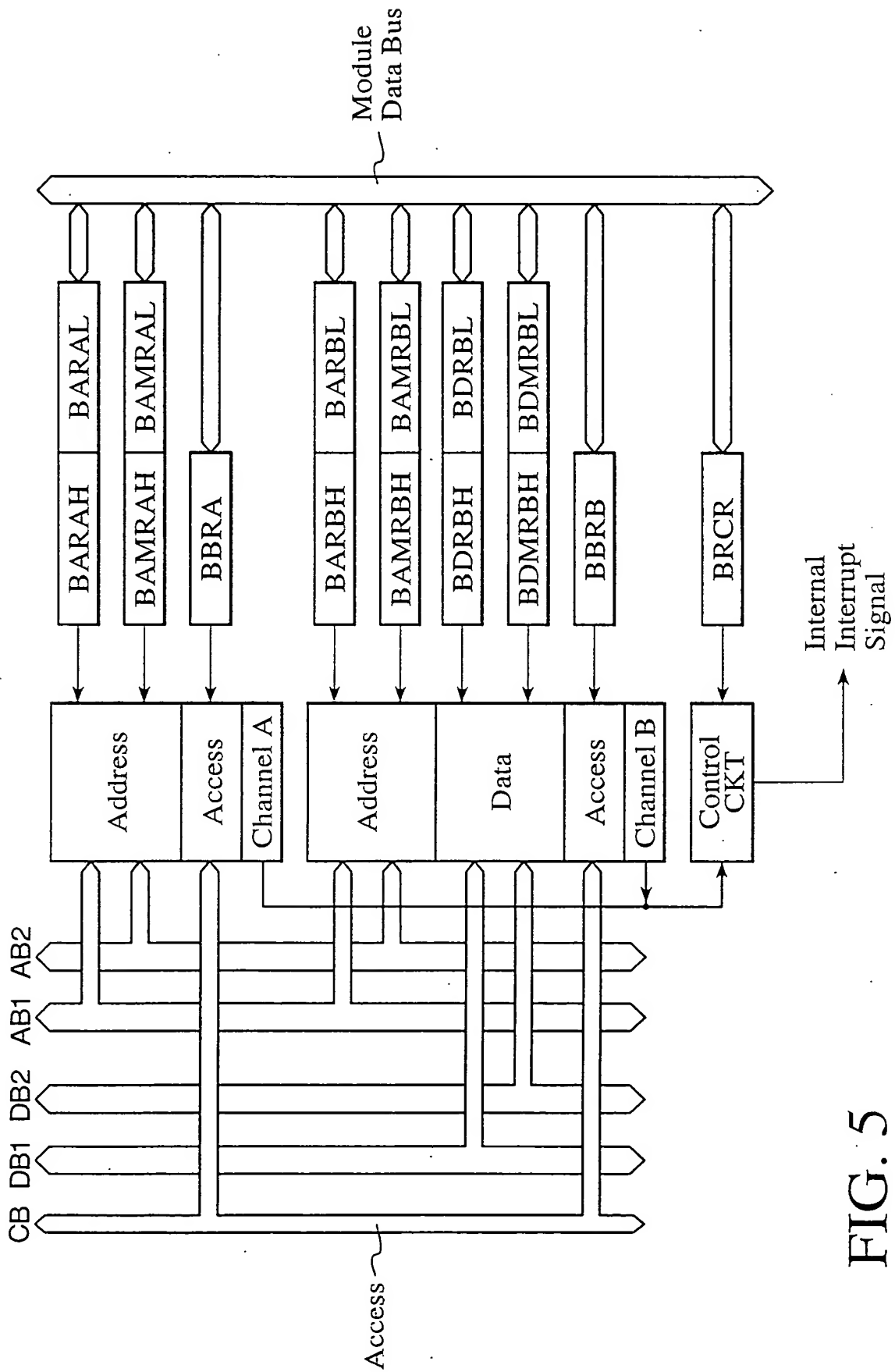
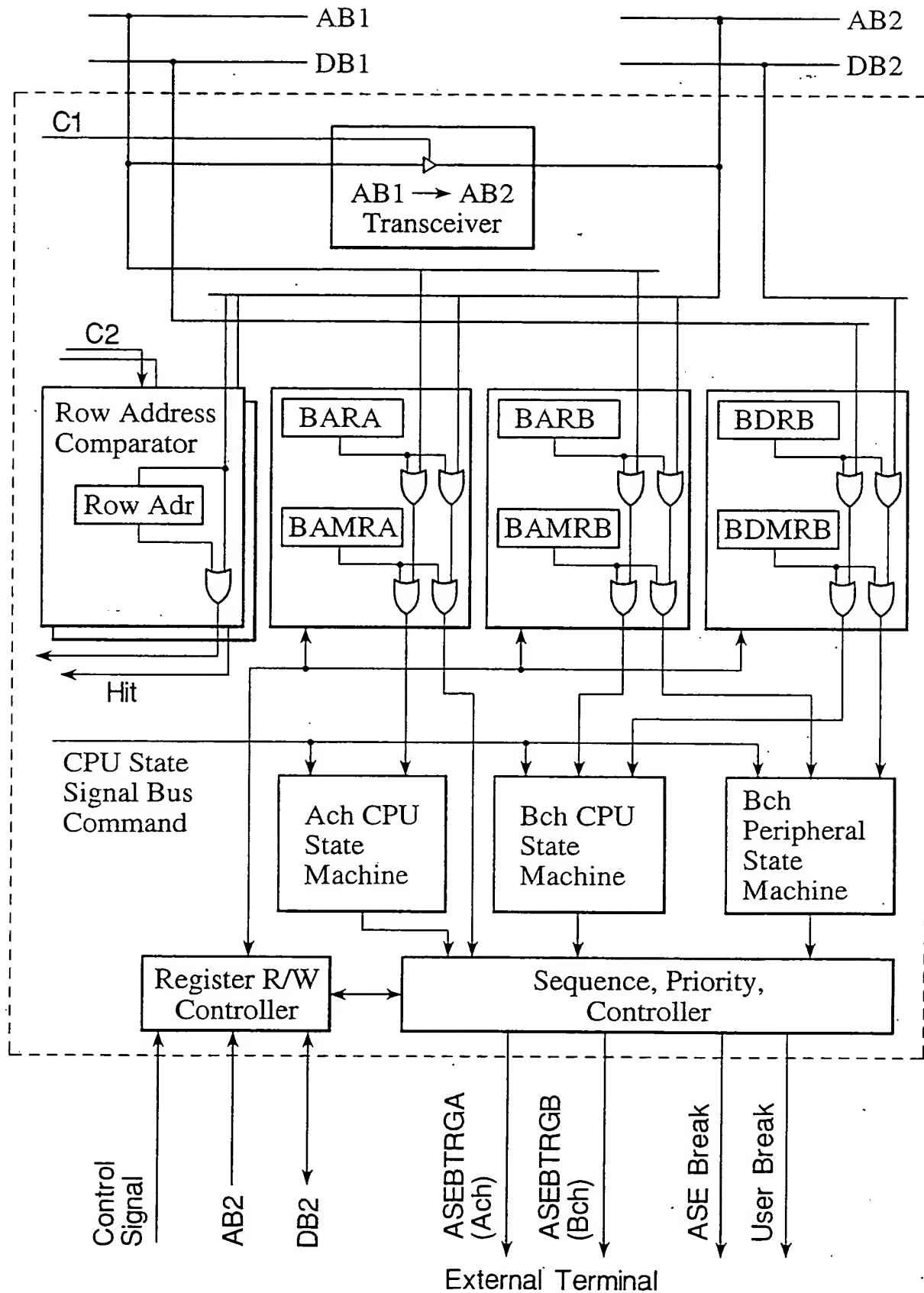


FIG. 5

FIG. 6



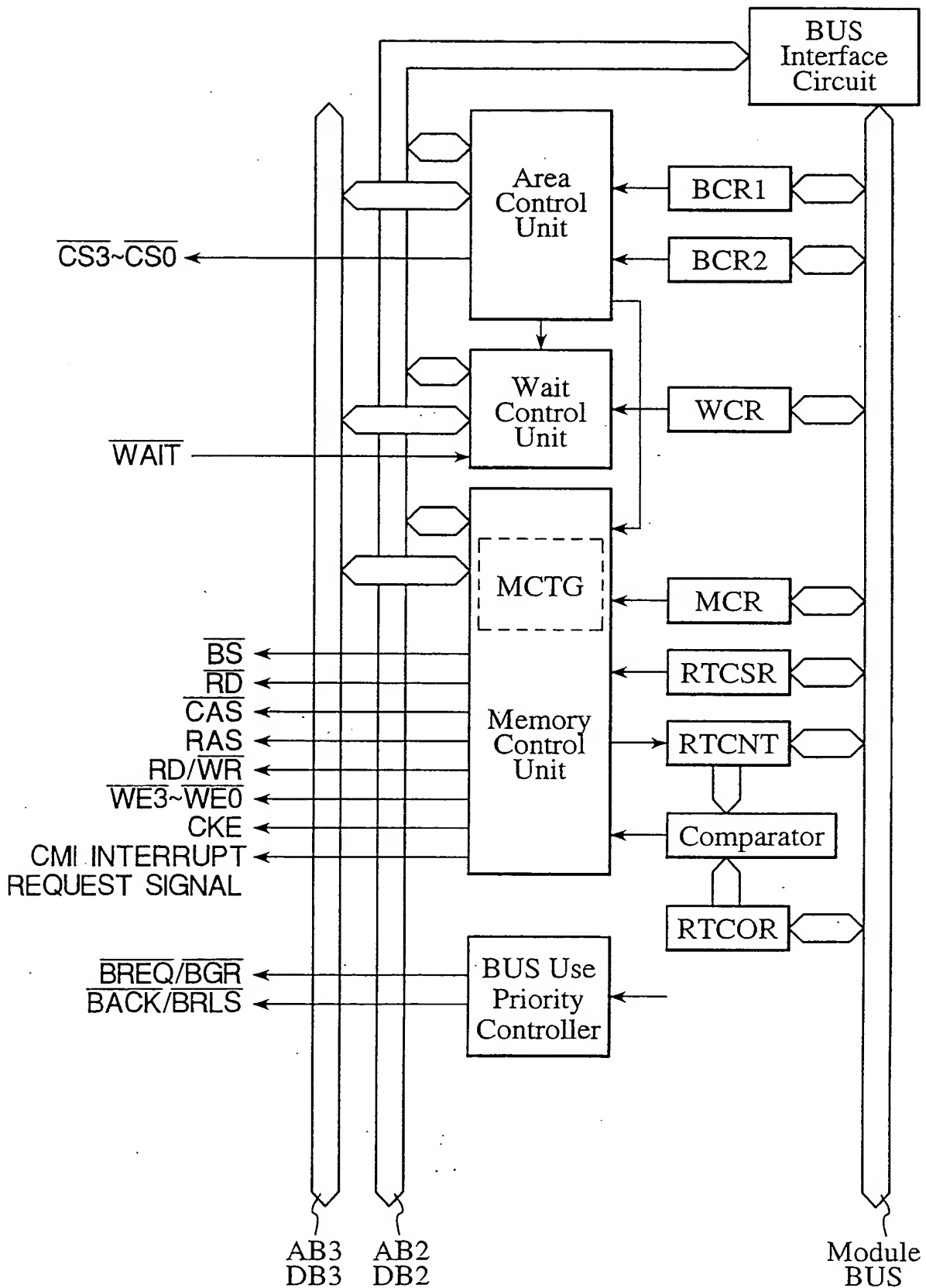


FIG. 7

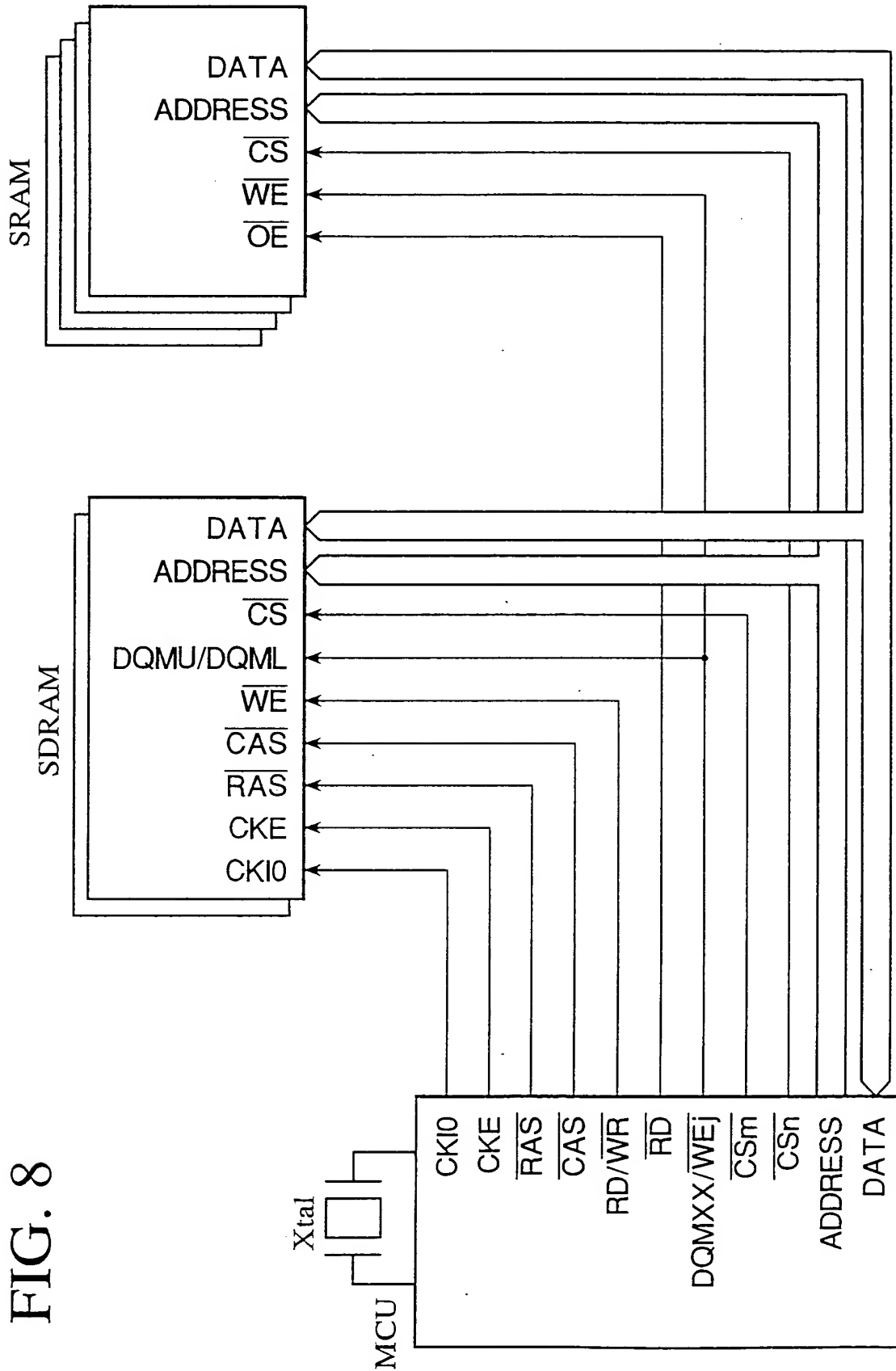


FIG. 8

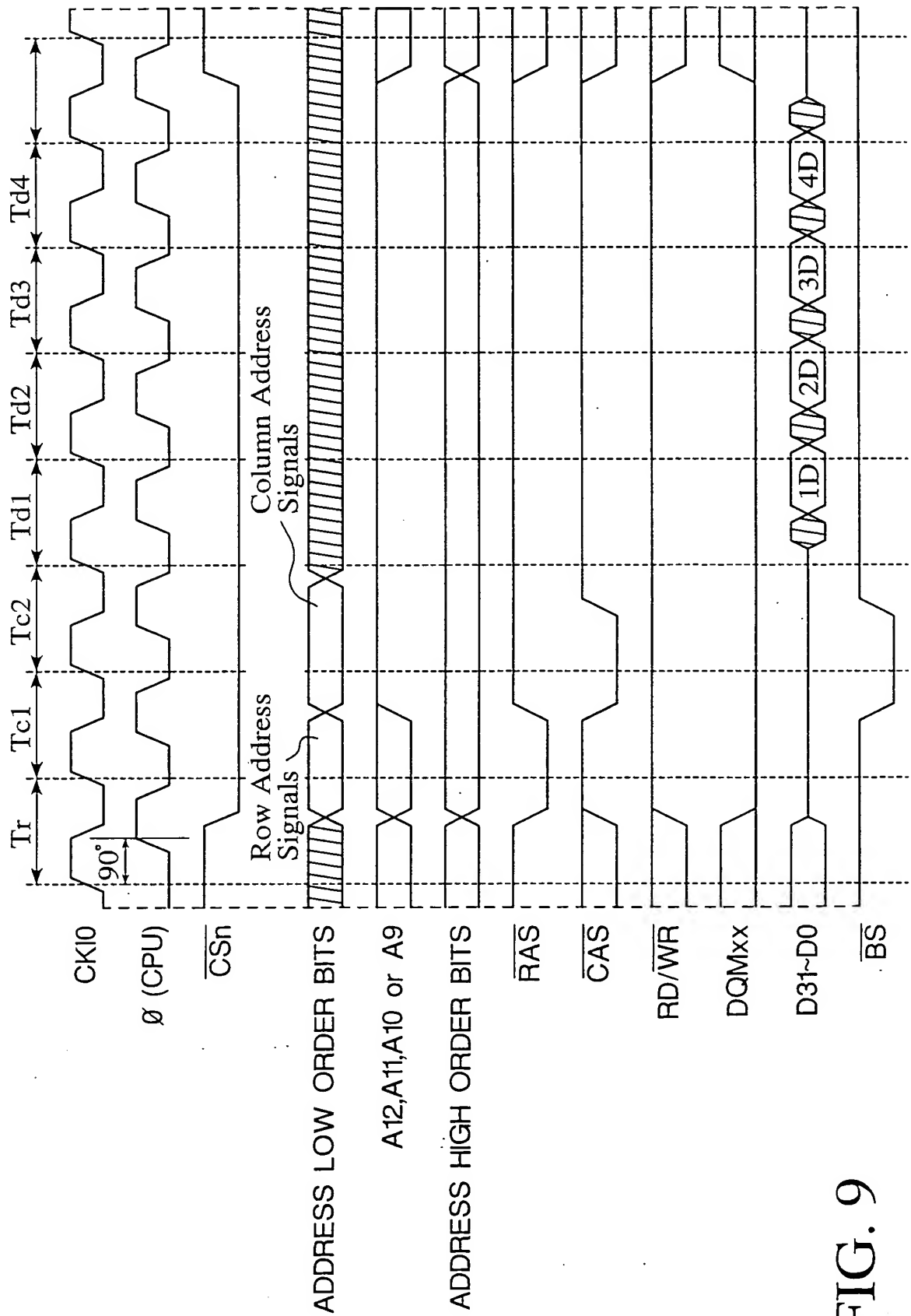


FIG. 9

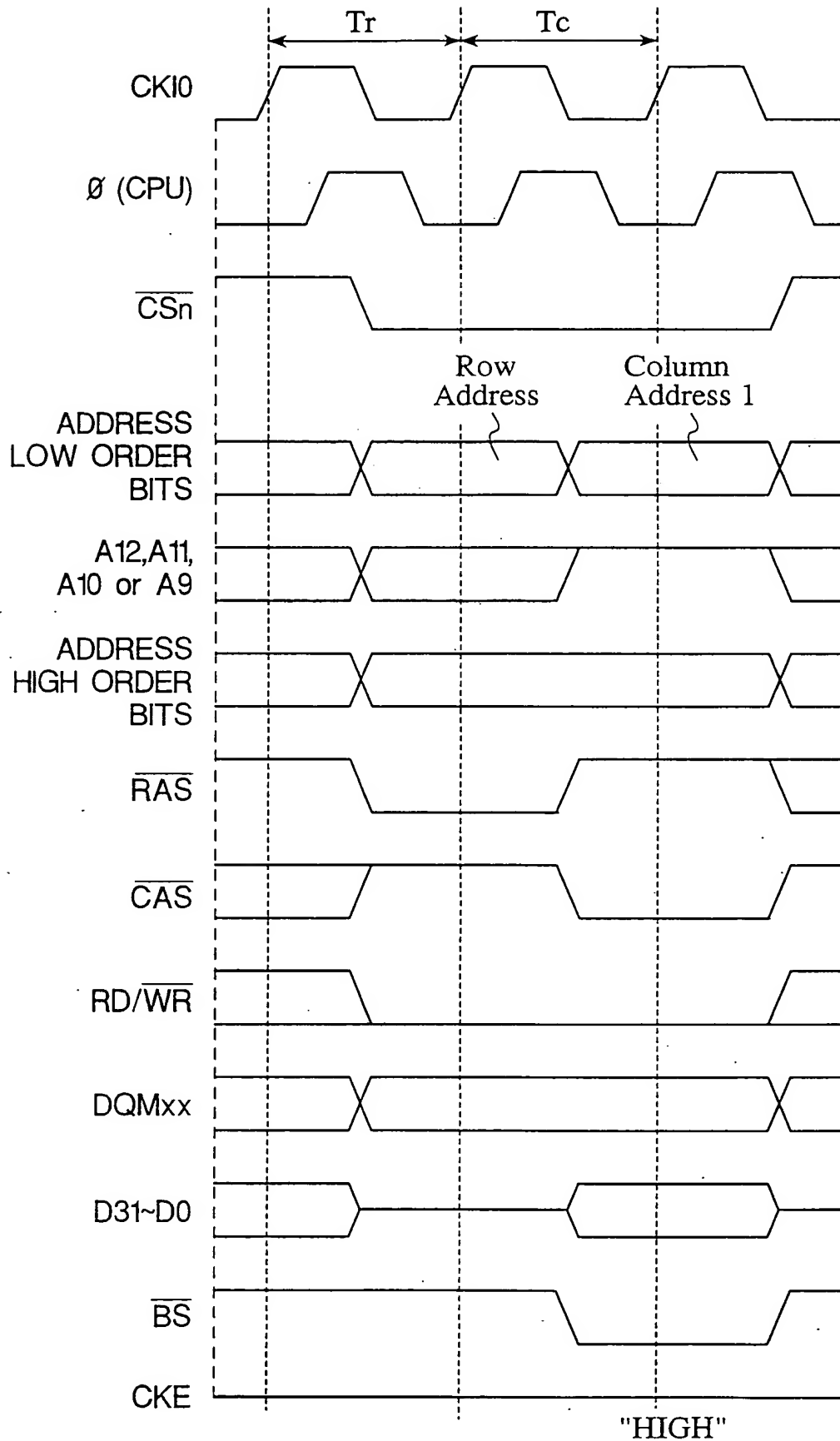


FIG. 10

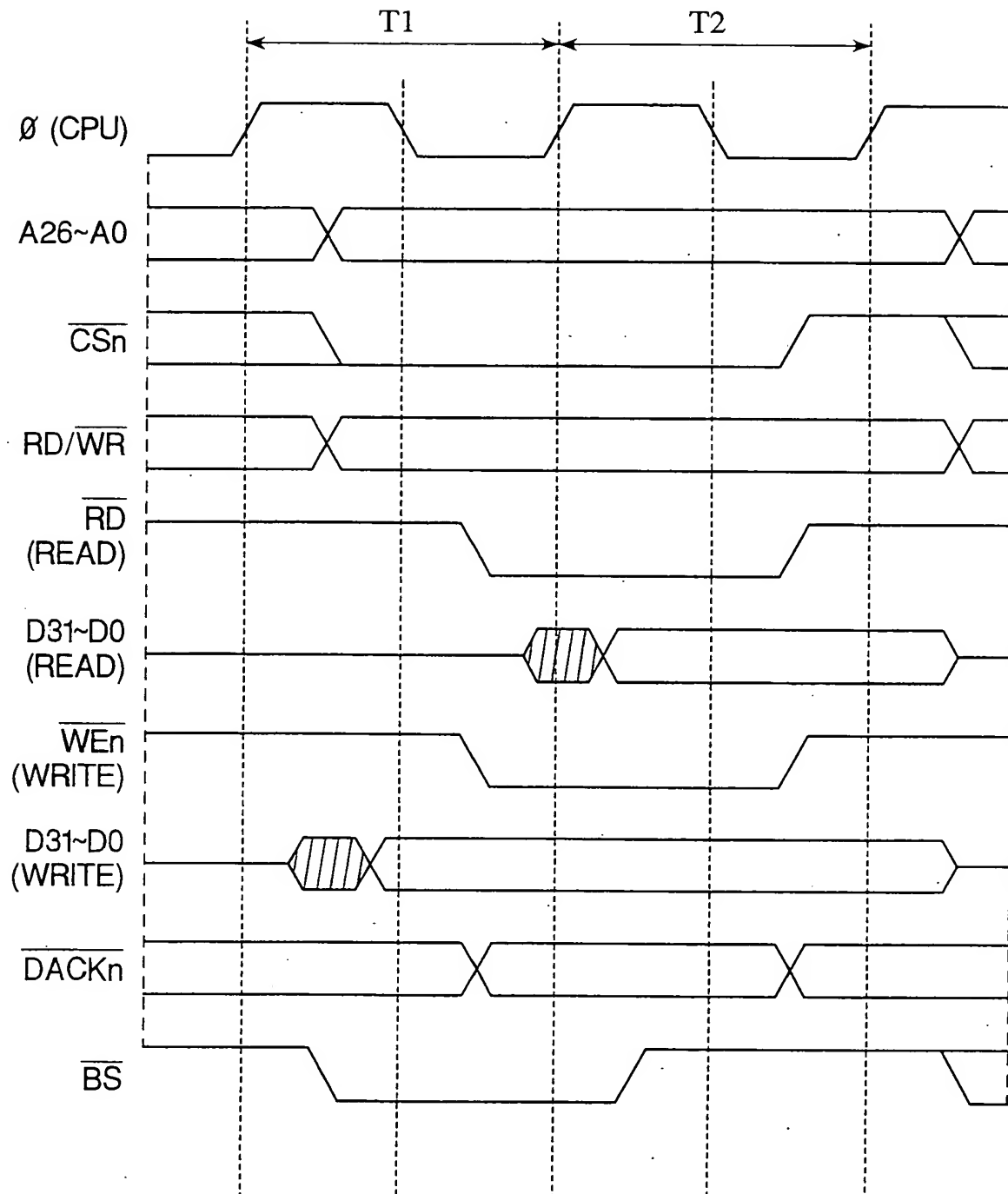
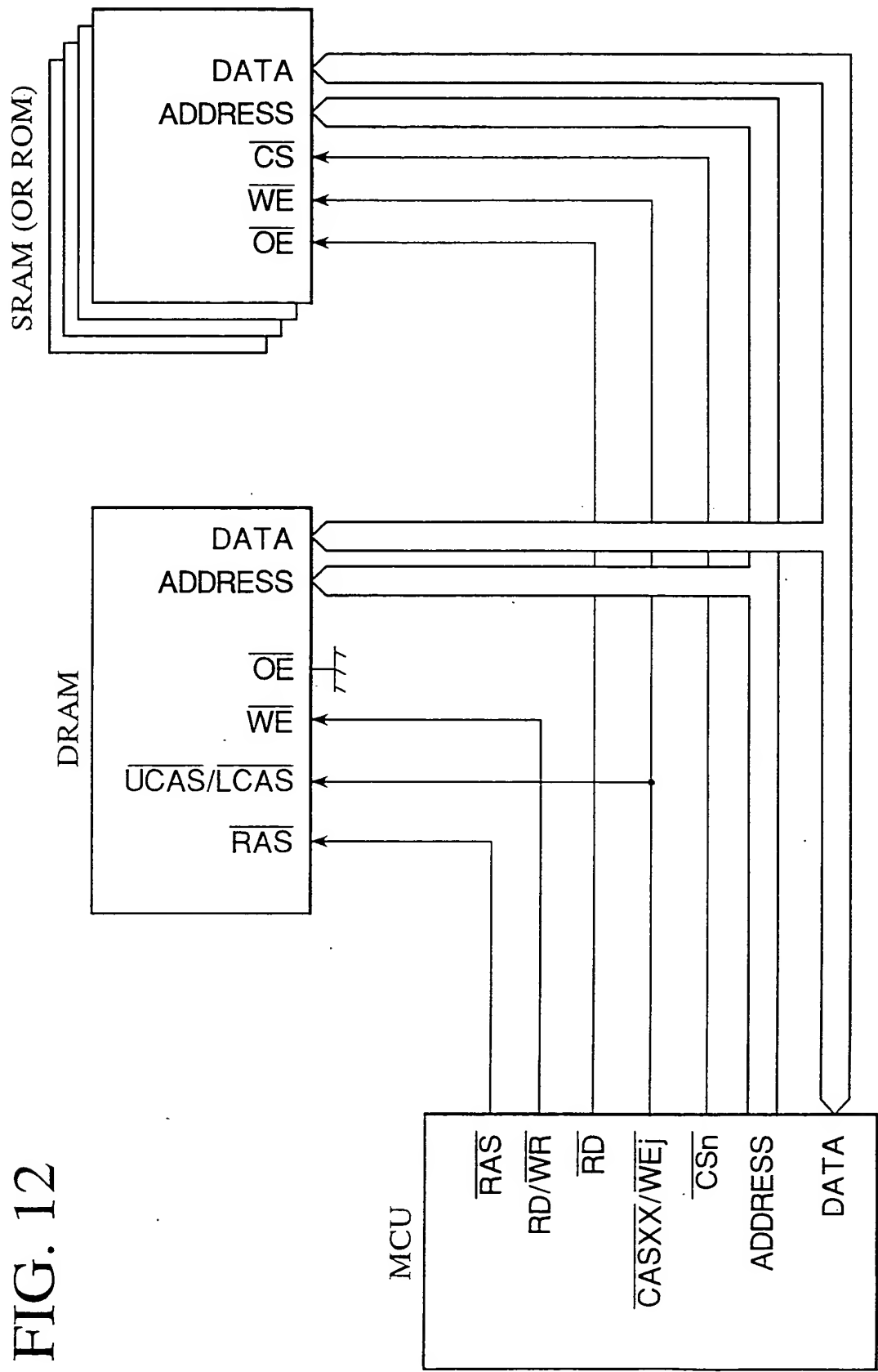


FIG. 11



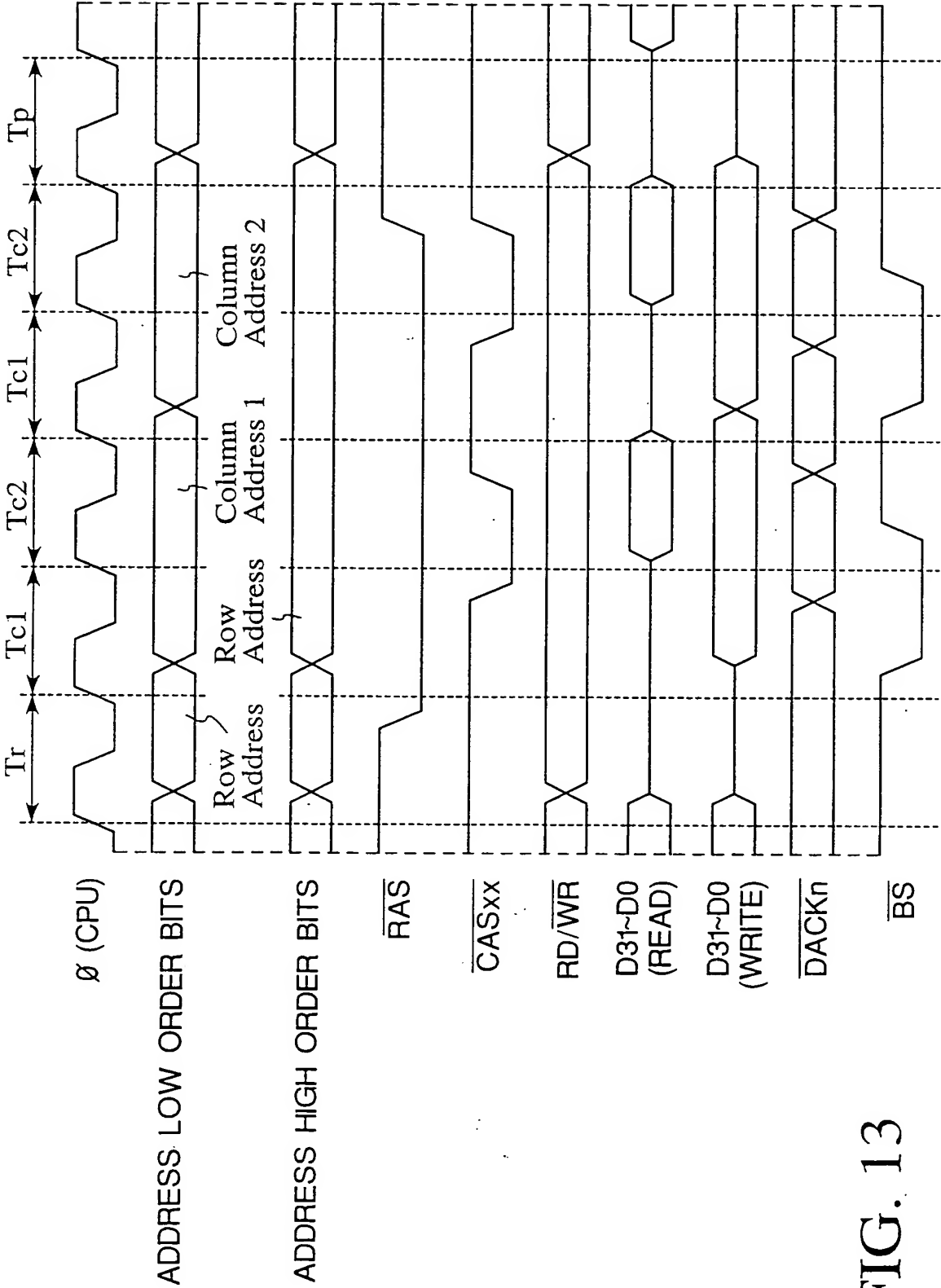


FIG. 13

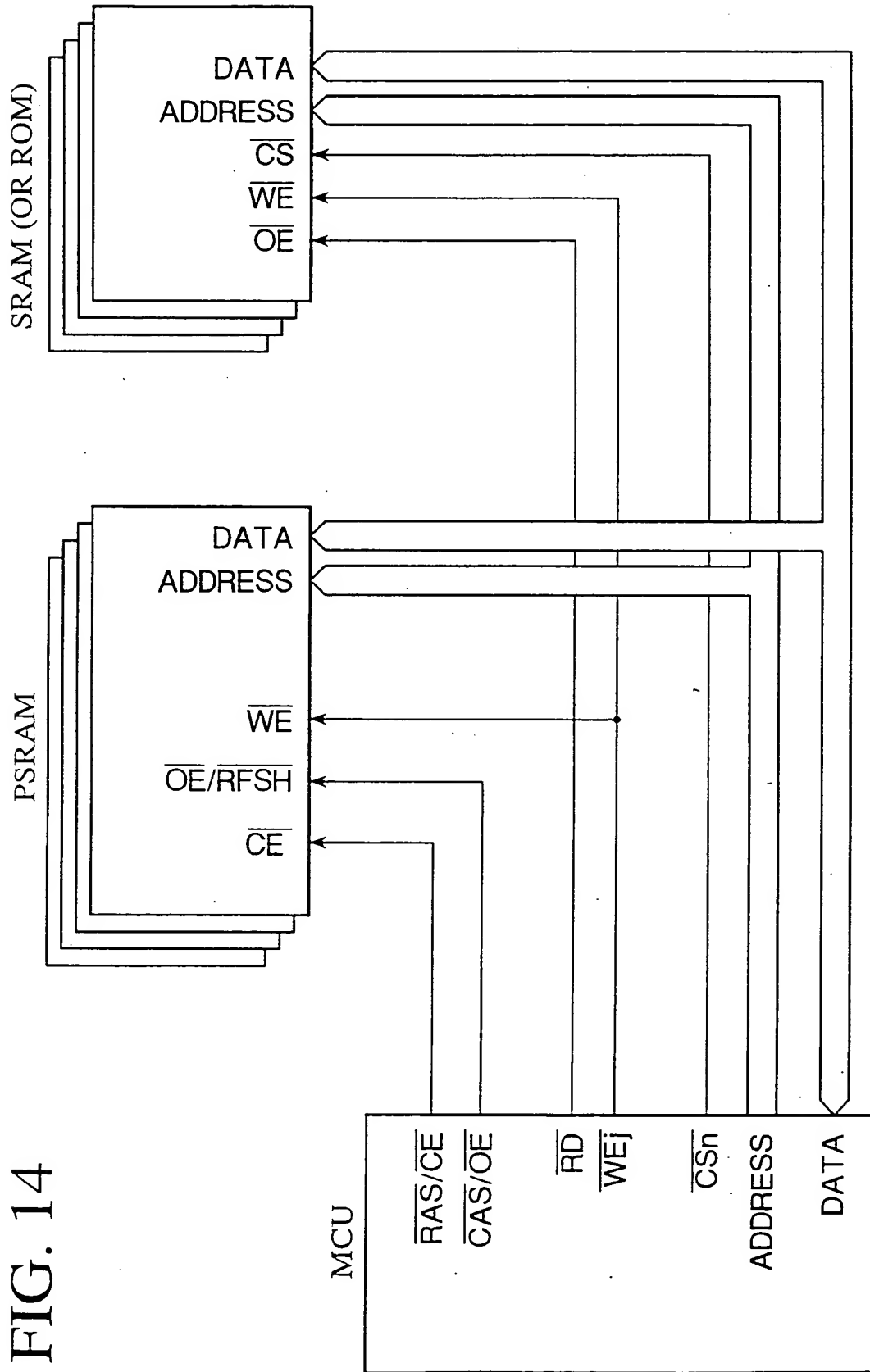


FIG. 14

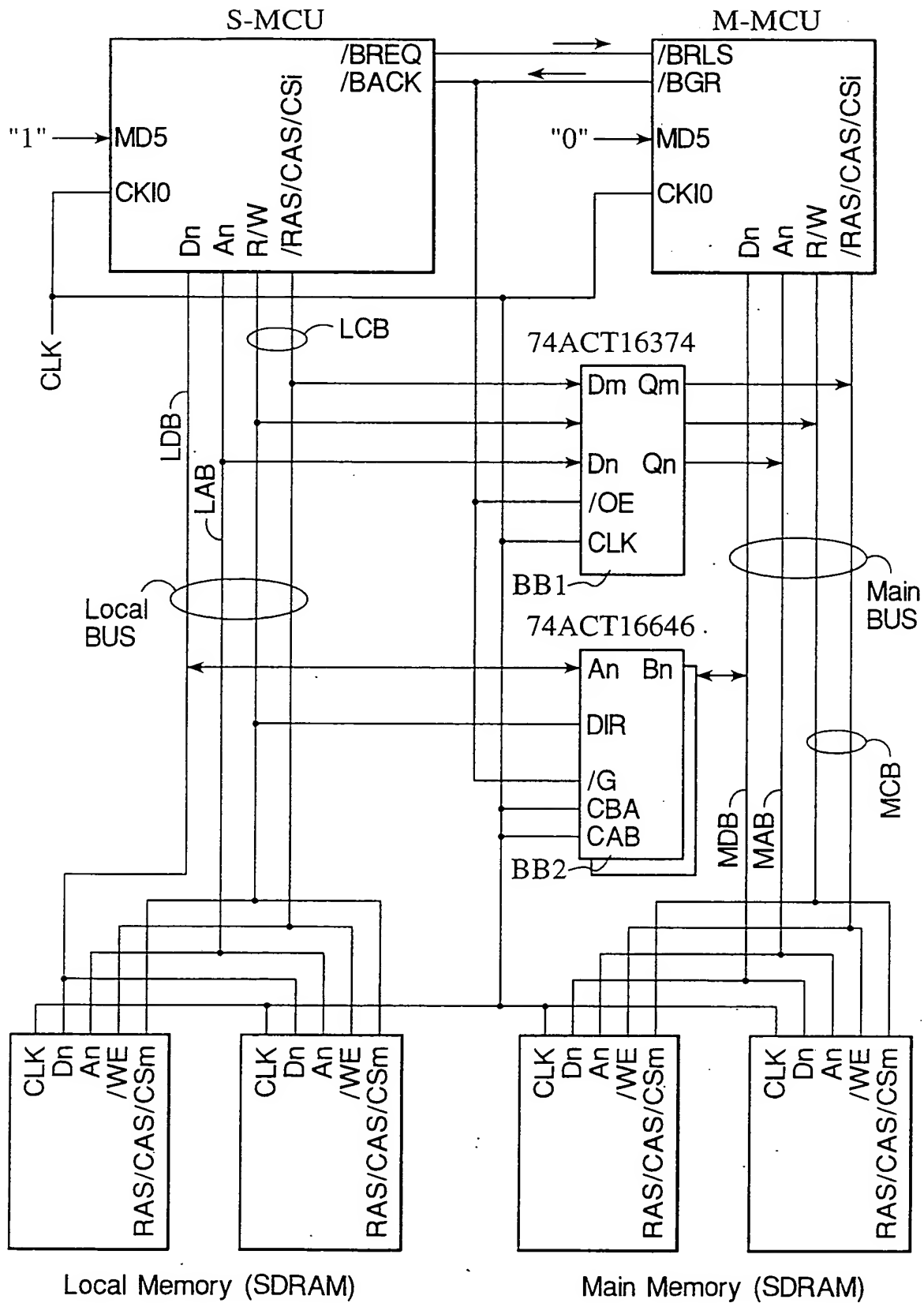


FIG. 15

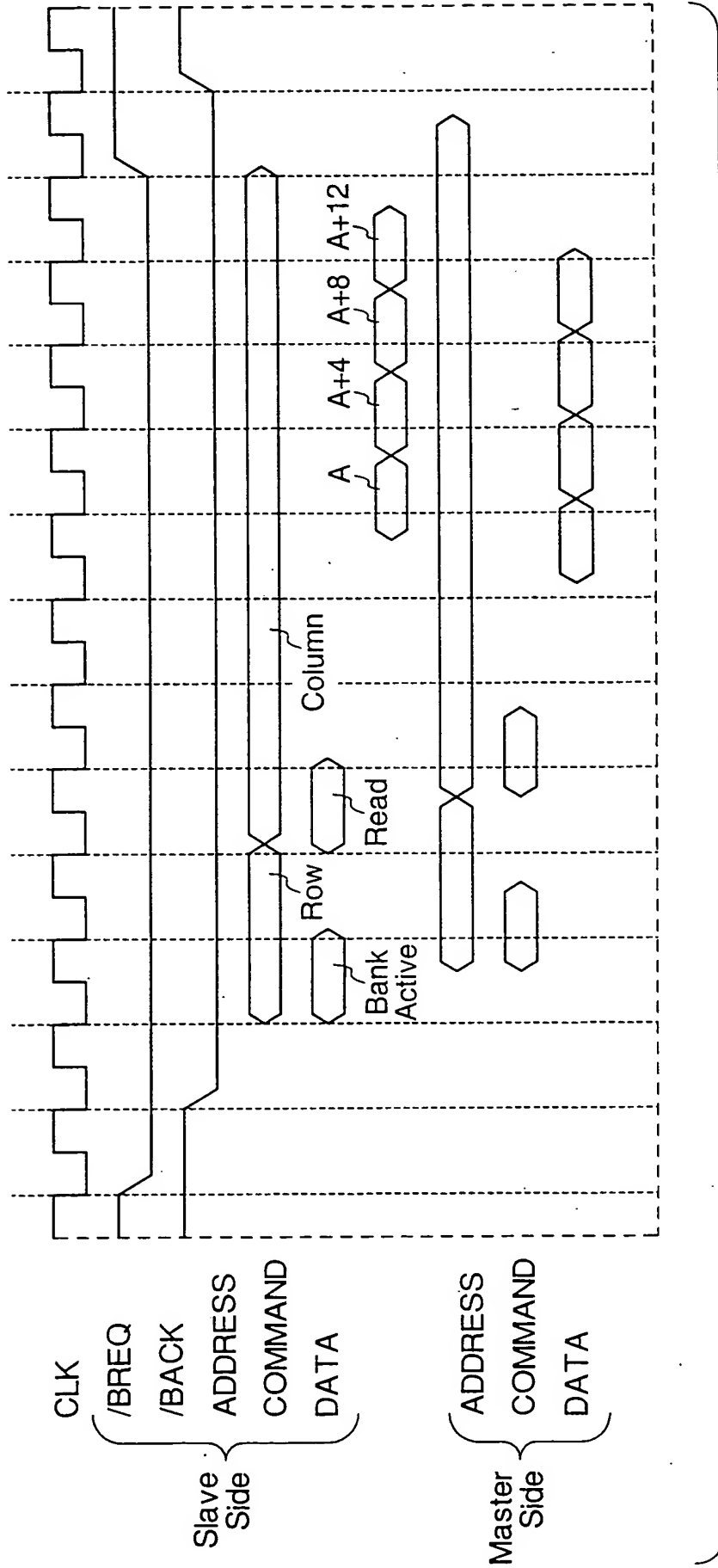


FIG. 16

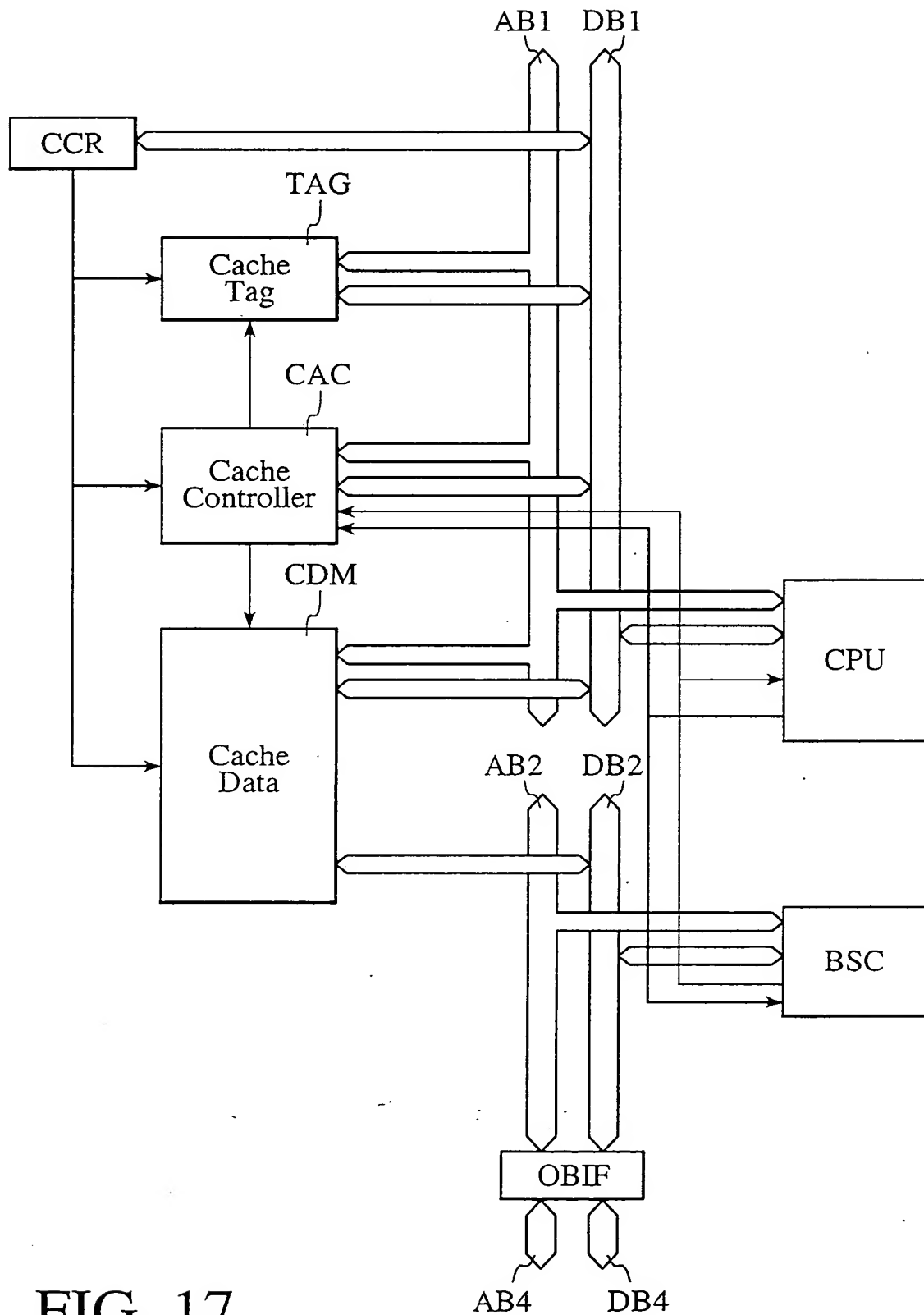


FIG. 17

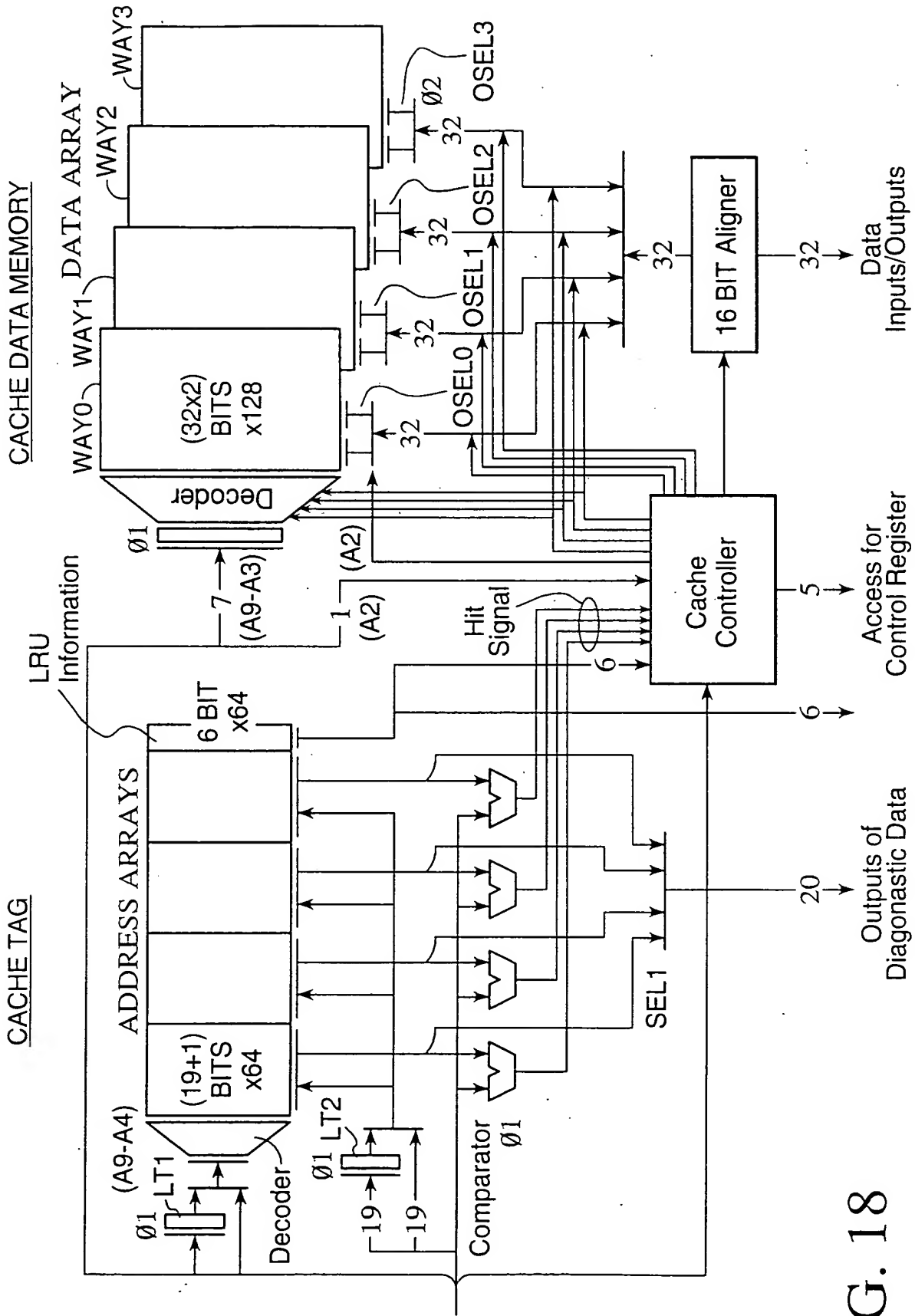


FIG. 18



FIG. 19

FIG. 20

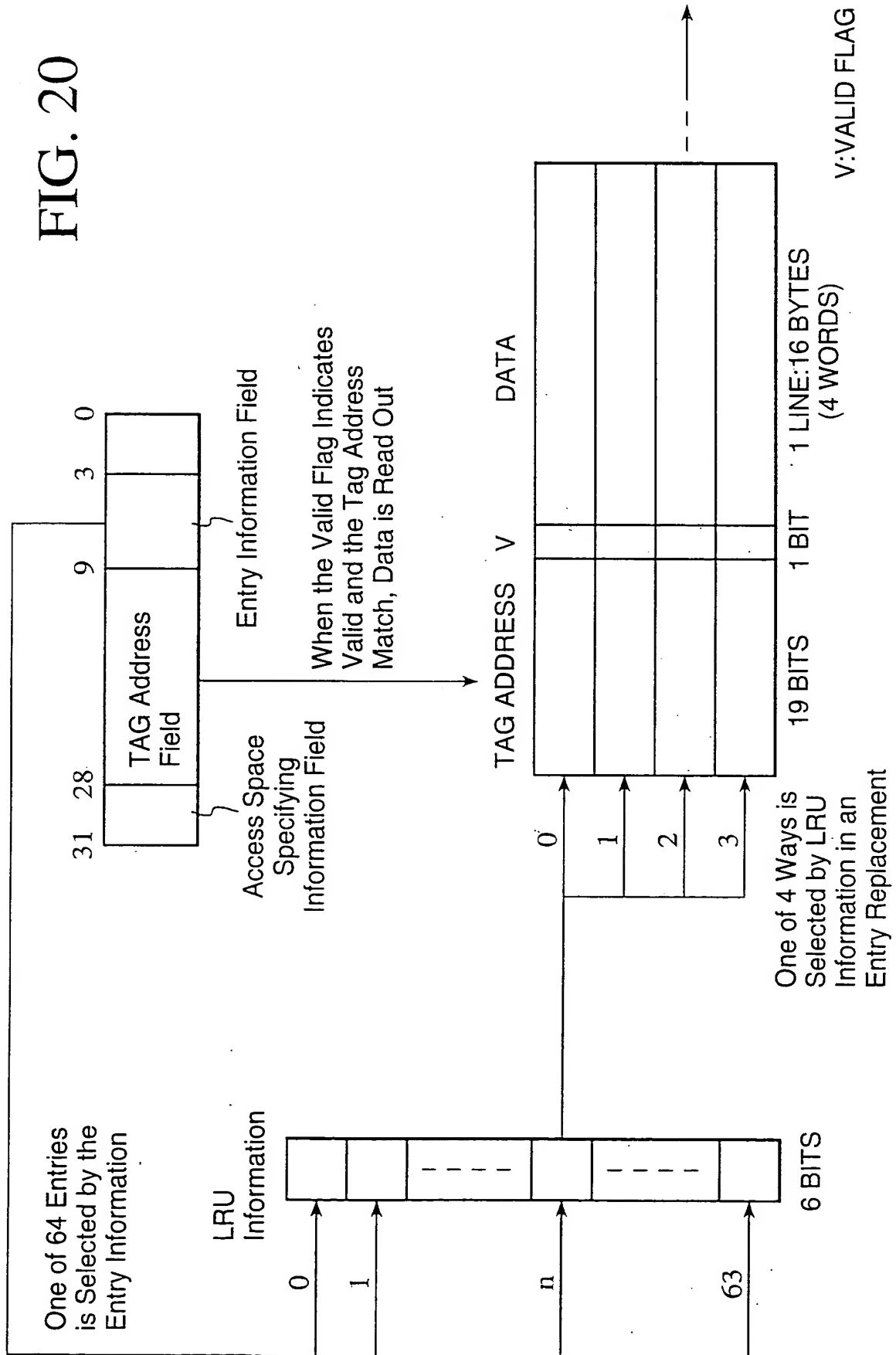
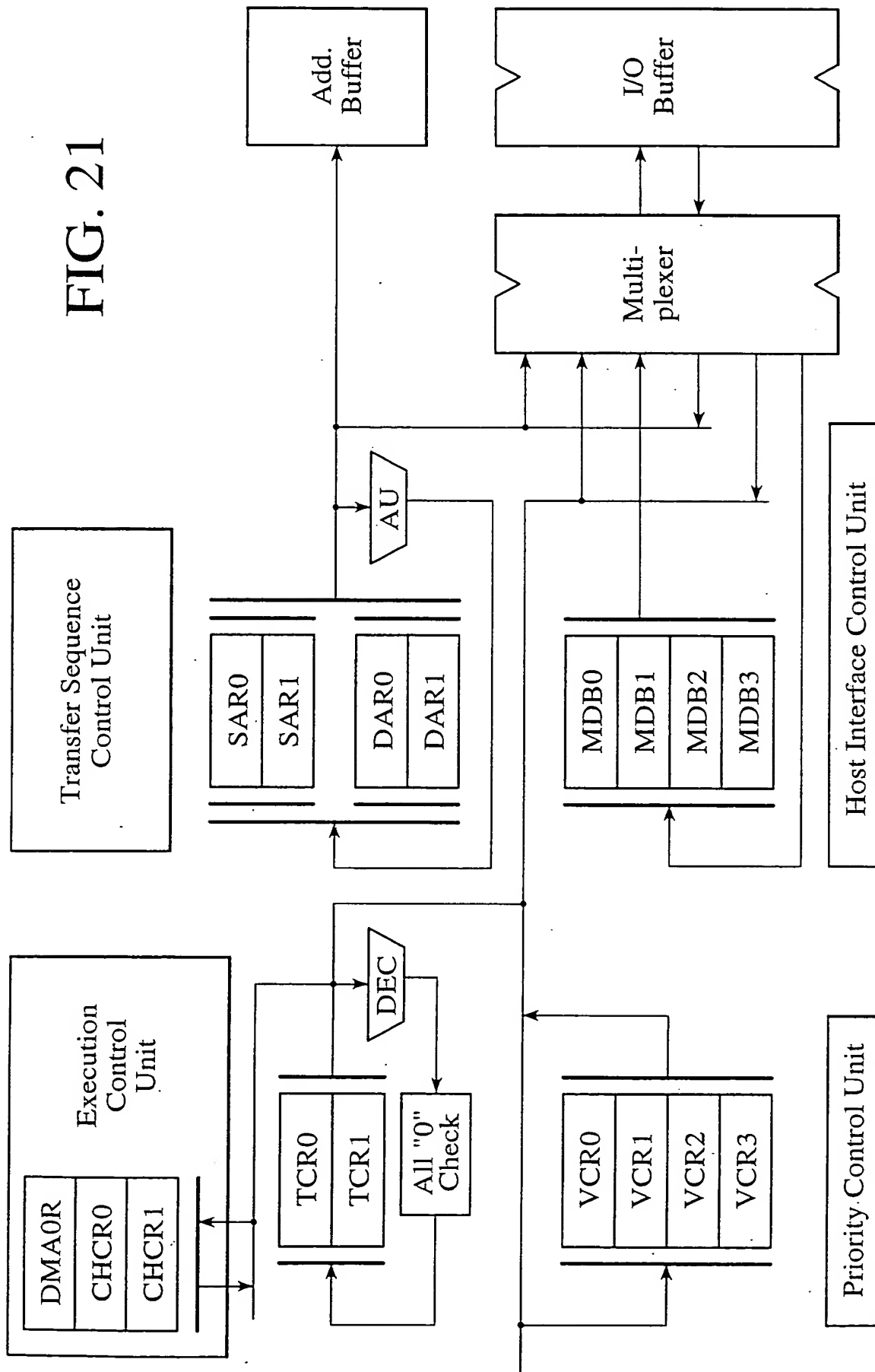


FIG. 21



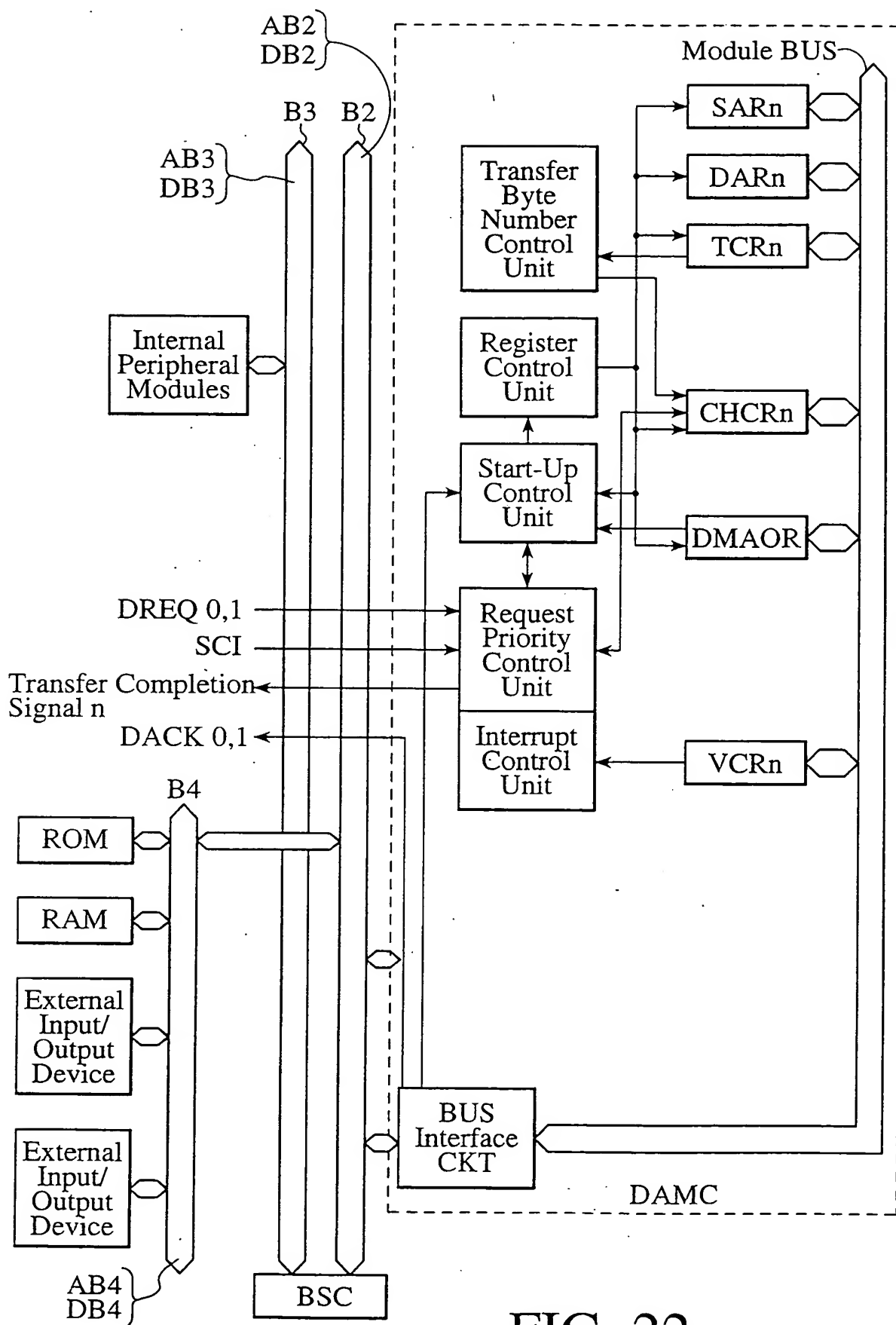


FIG. 22

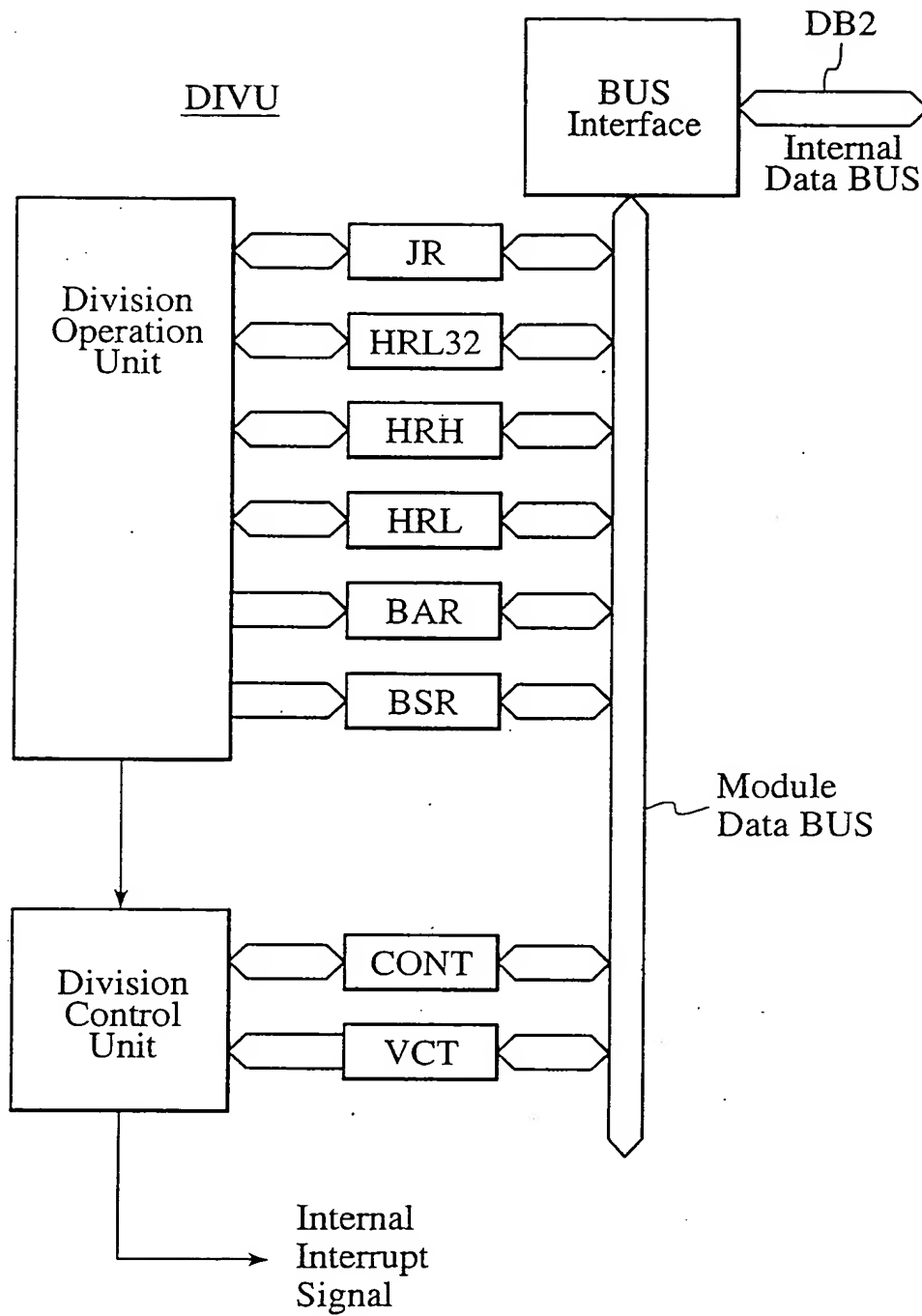


FIG. 23

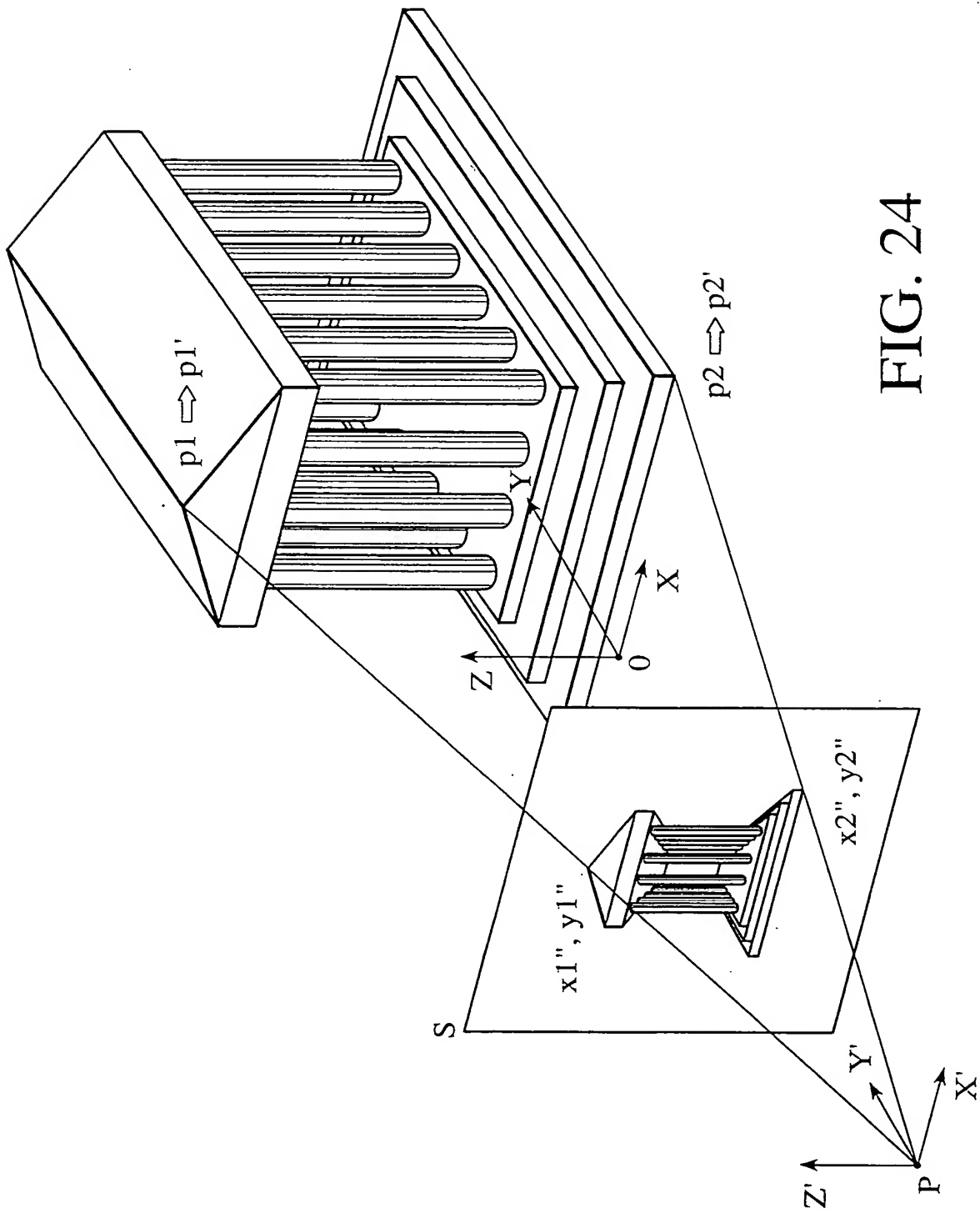


FIG. 24

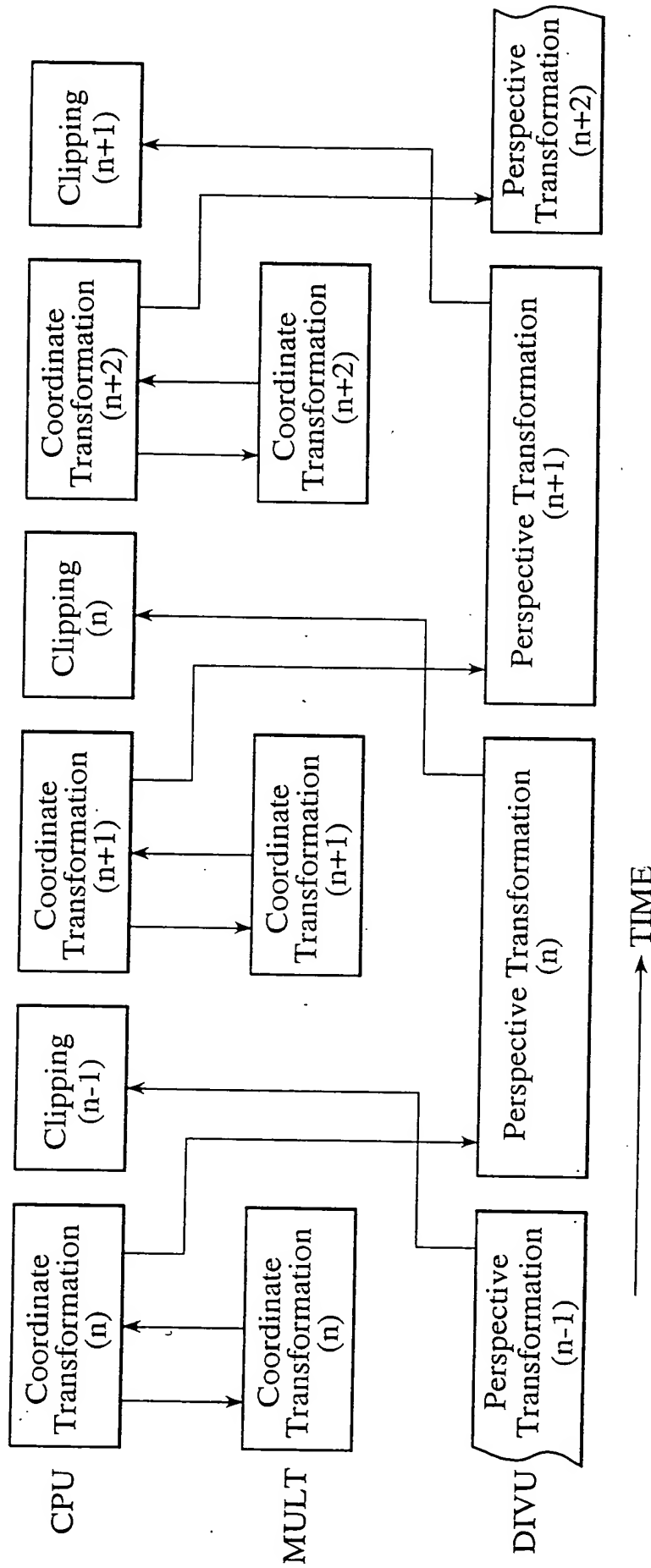


FIG. 25

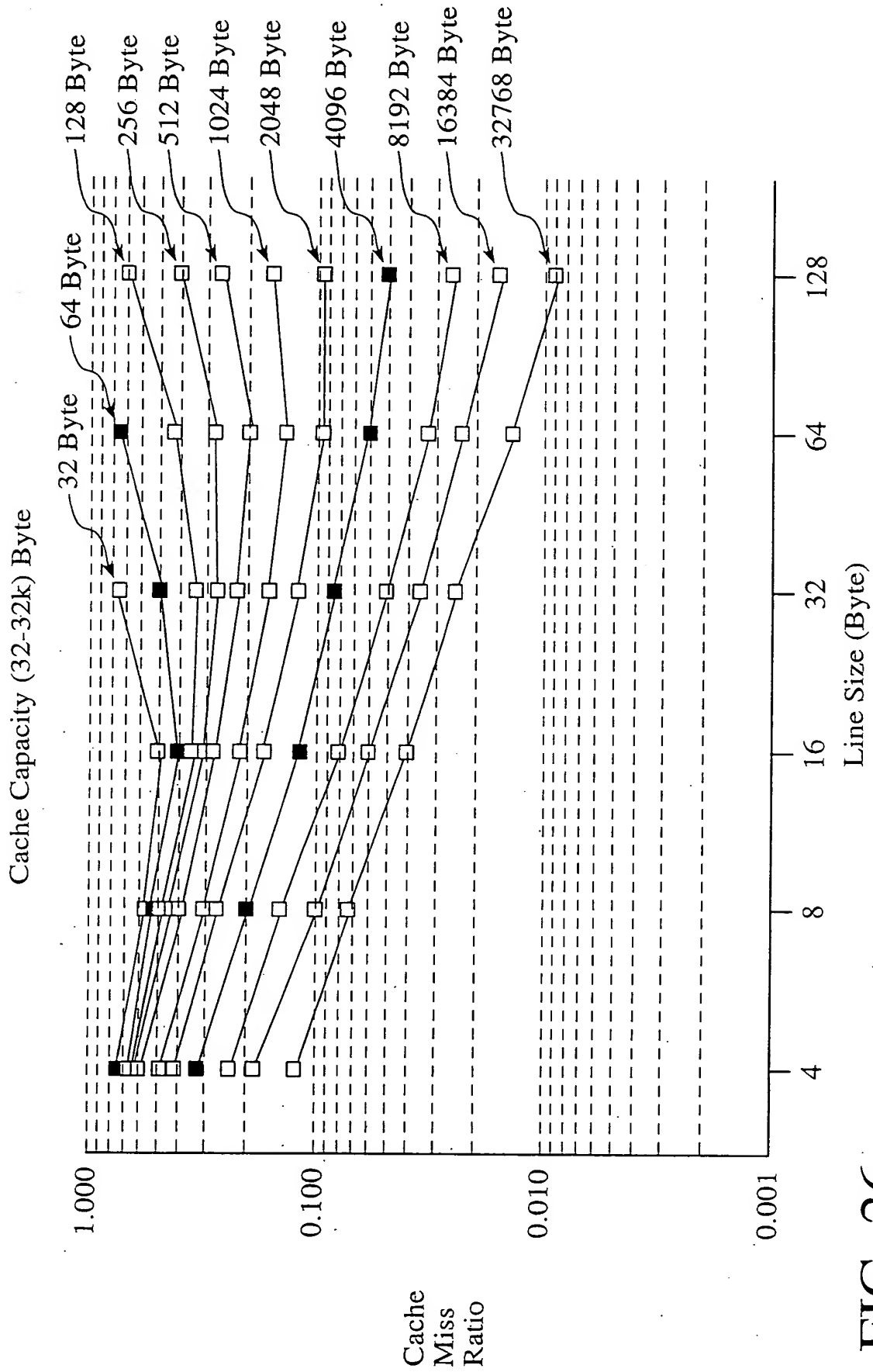


FIG. 26

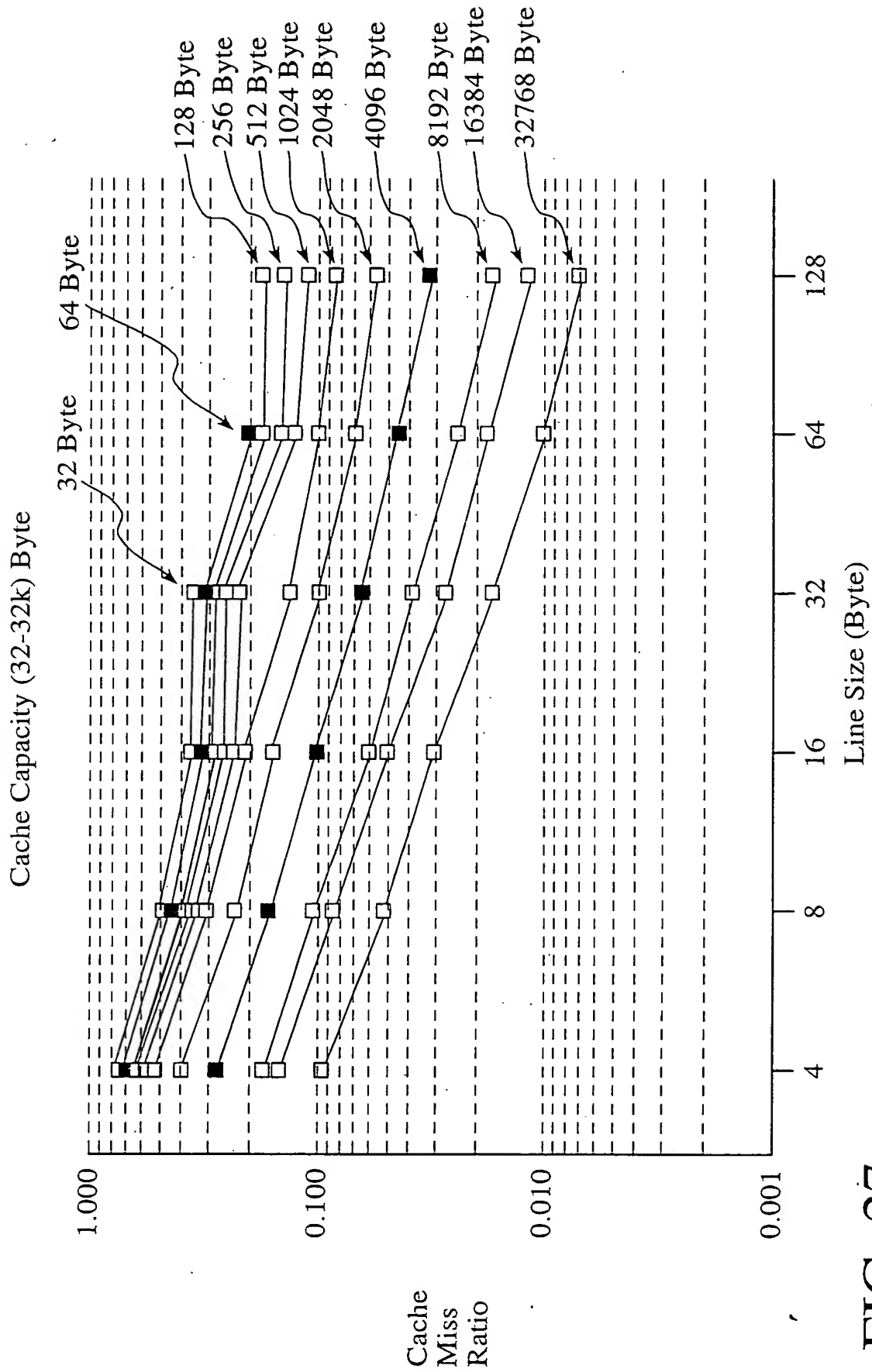


FIG. 27

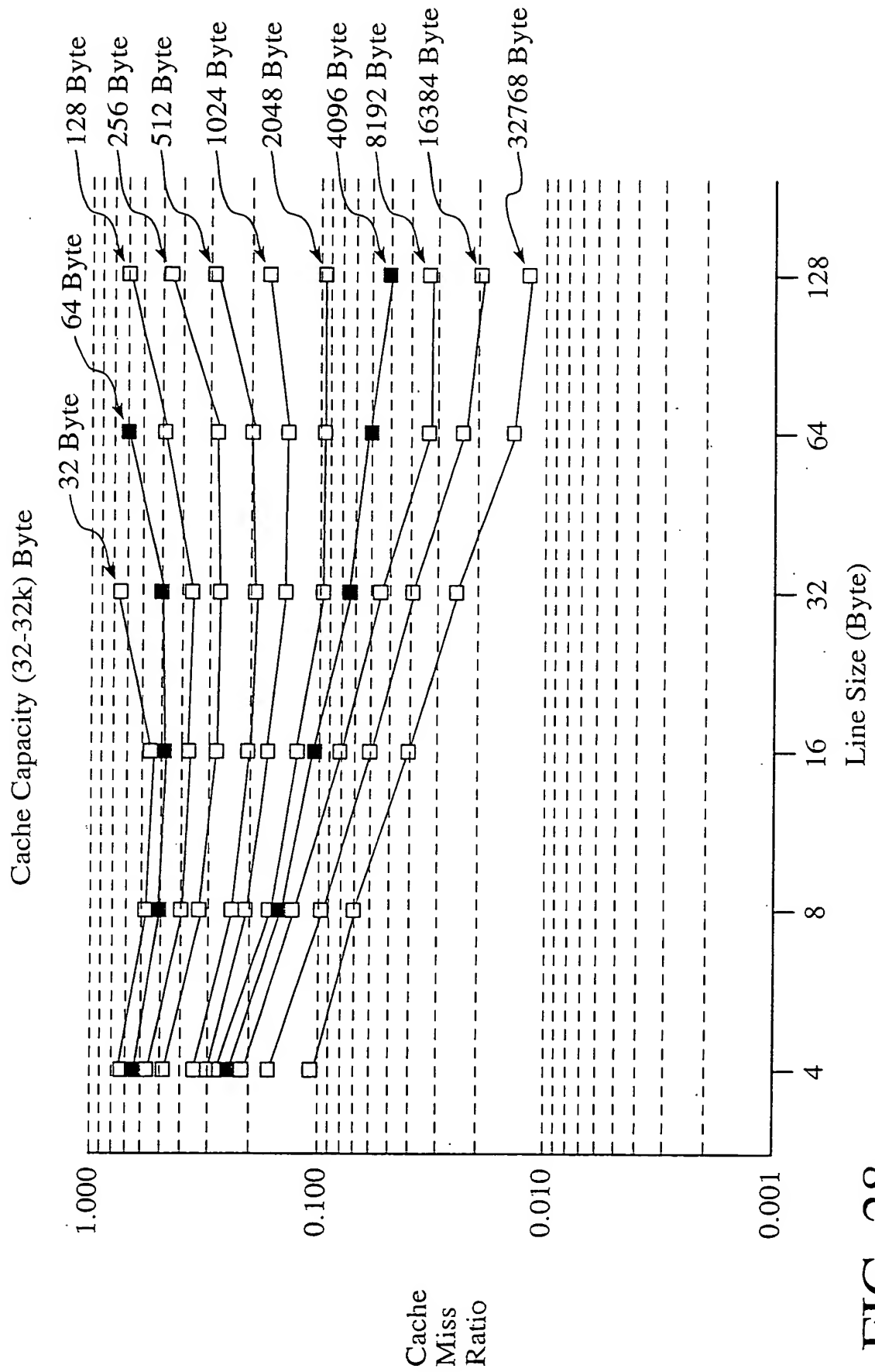
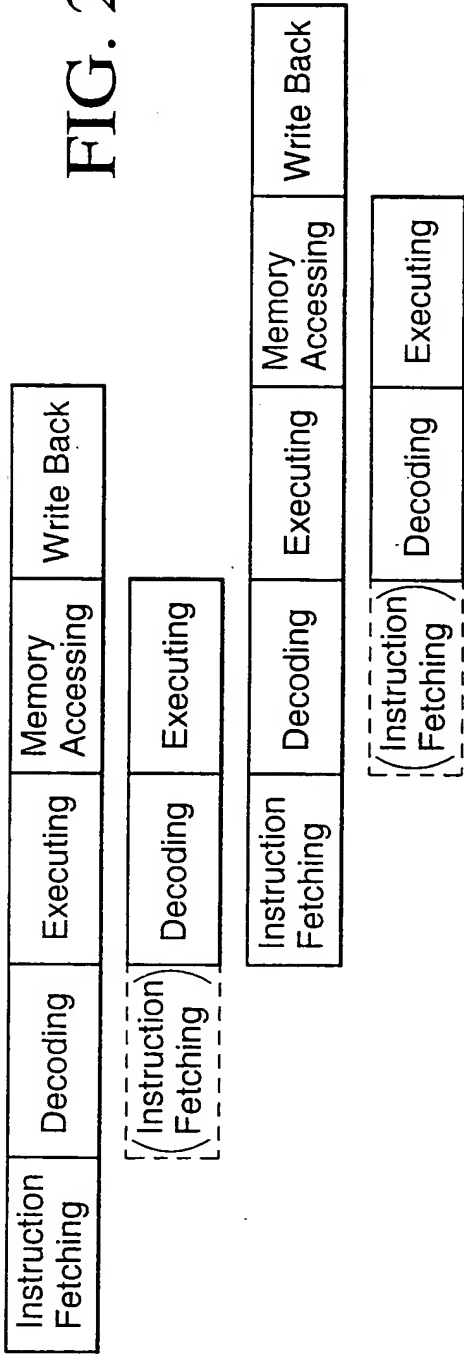


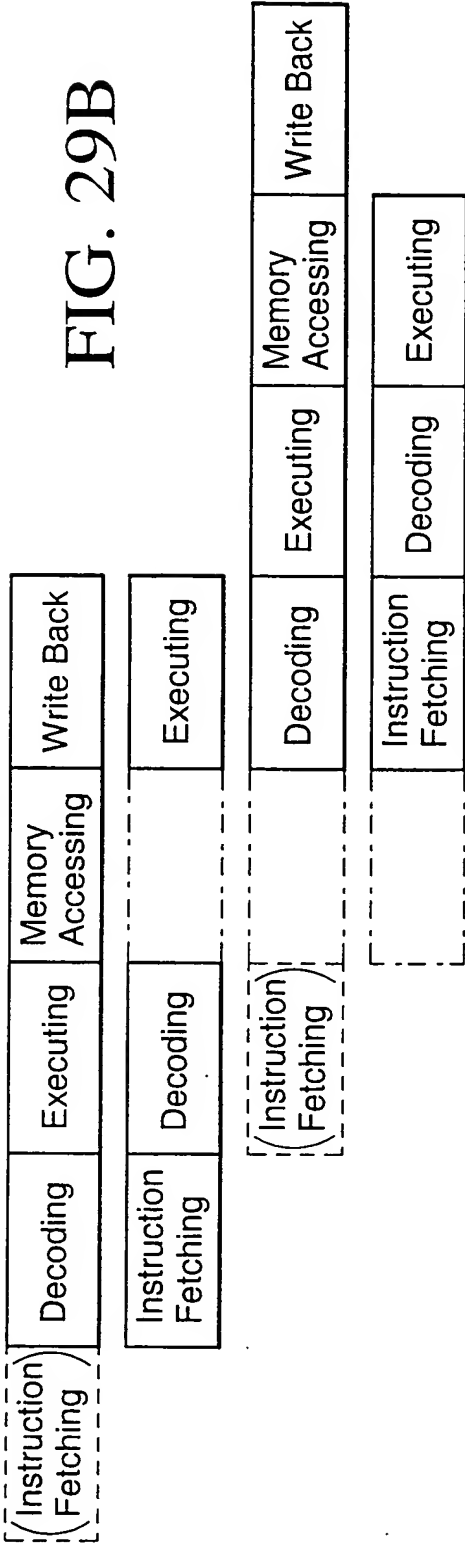
FIG. 28

FIG. 29A



In Case of a Memory Access to $4n$ Address

FIG. 29B



In Case of a Memory Access to $4n+2$ Address

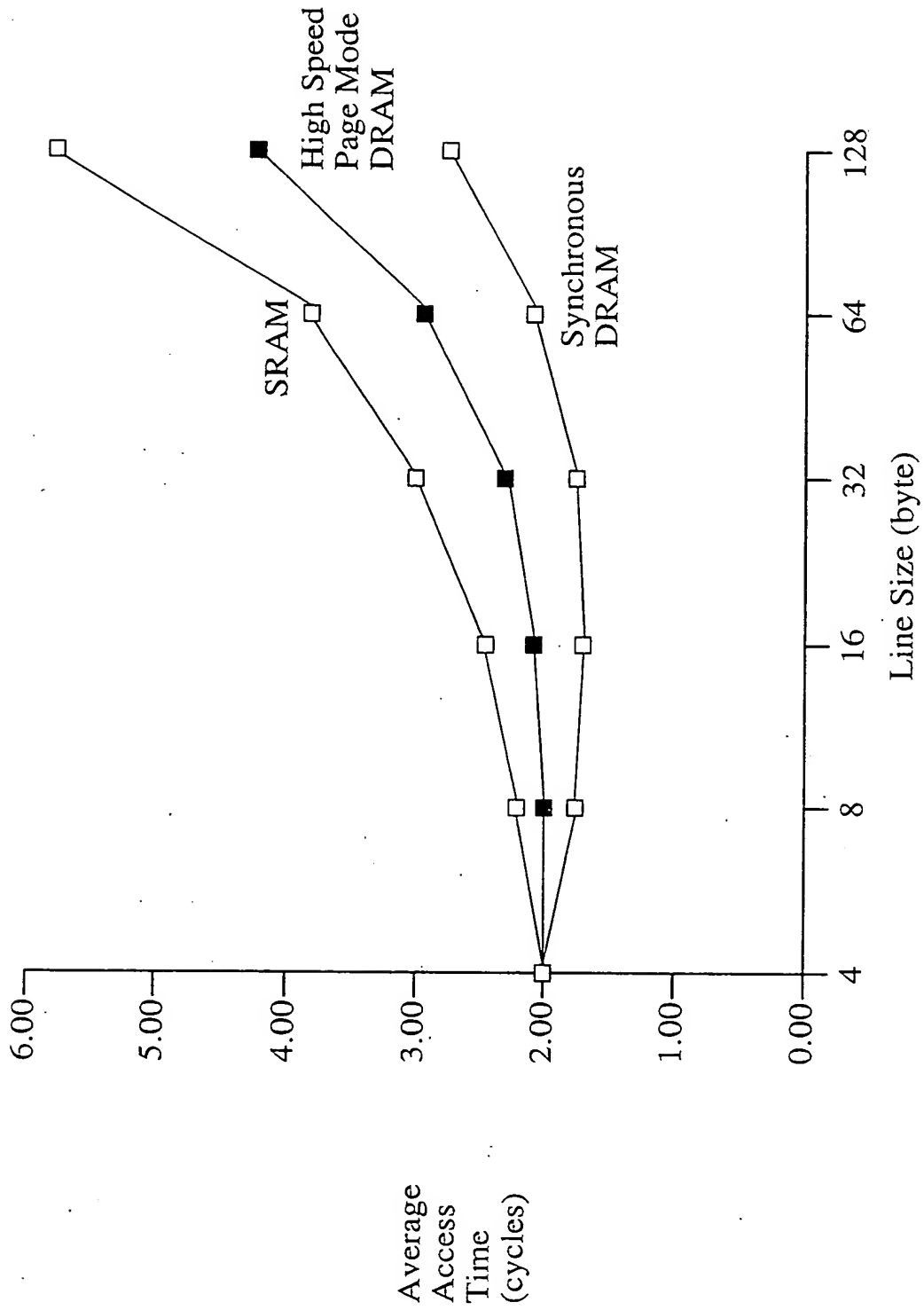


FIG. 30

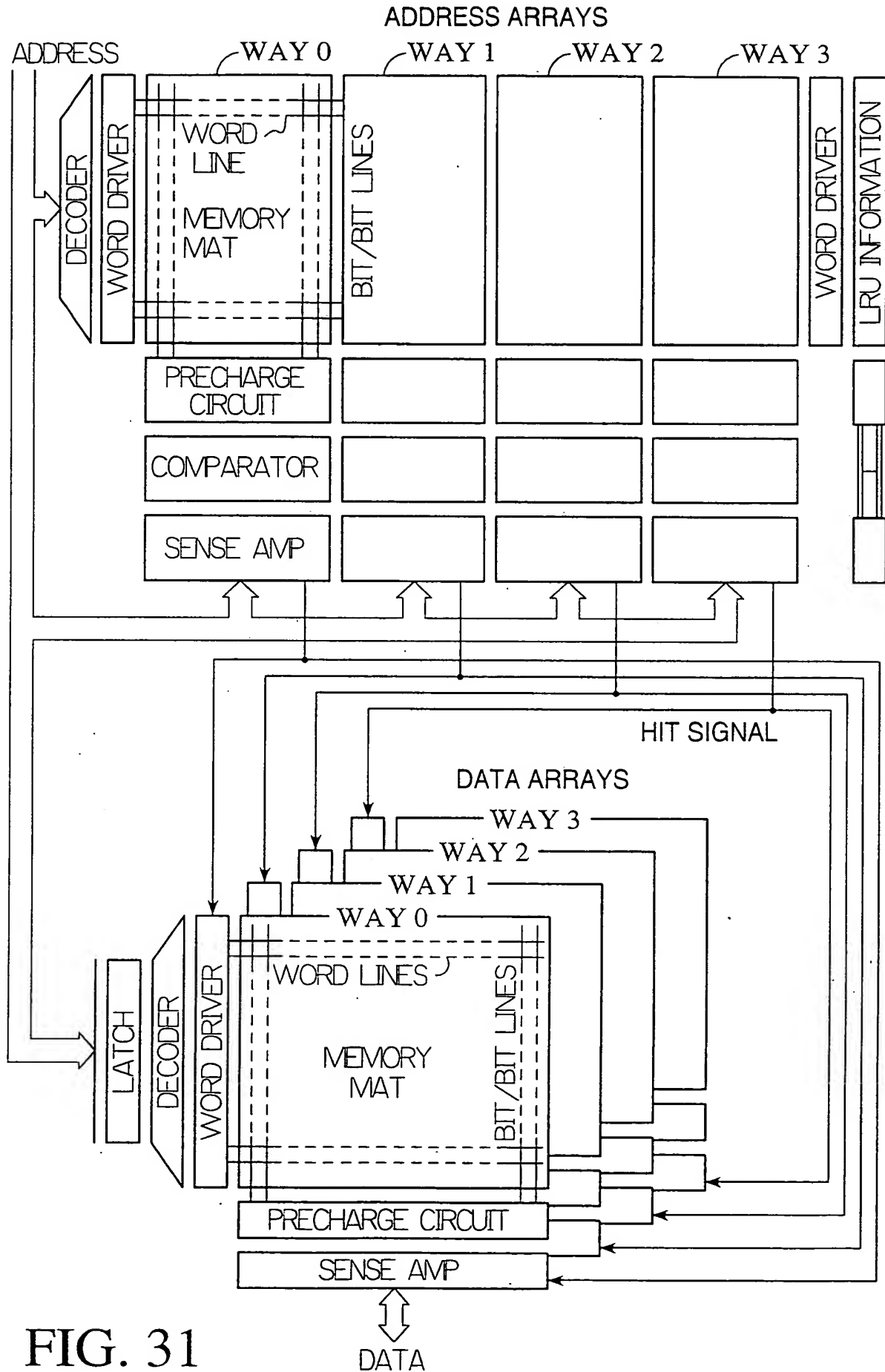
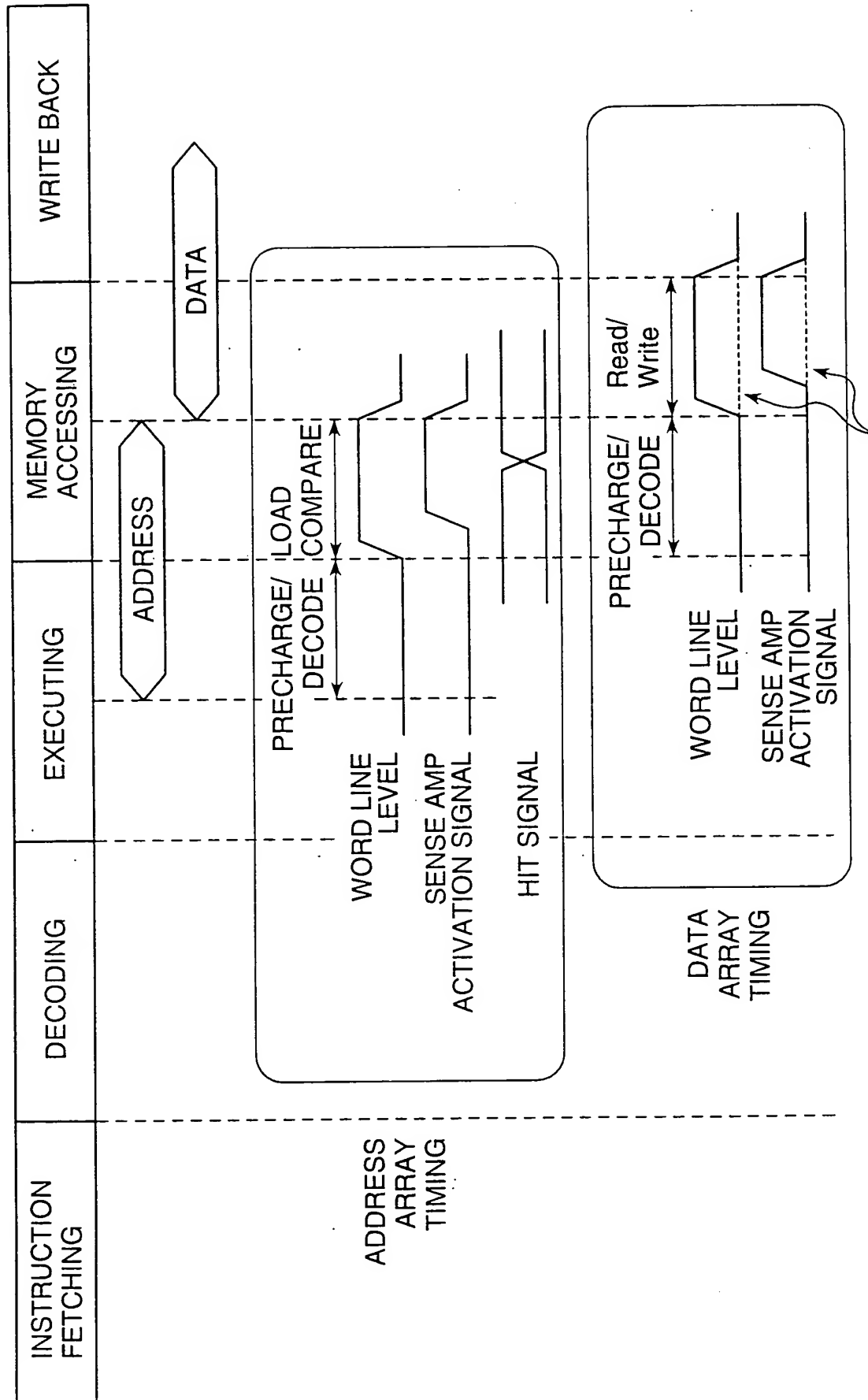


FIG. 31



DOTTED LINES INDICATE THE WORD LINE LEVEL AND THE SENSE AMP ACTIVATION SIGNAL ON NO HIT WAYS

FIG. 32

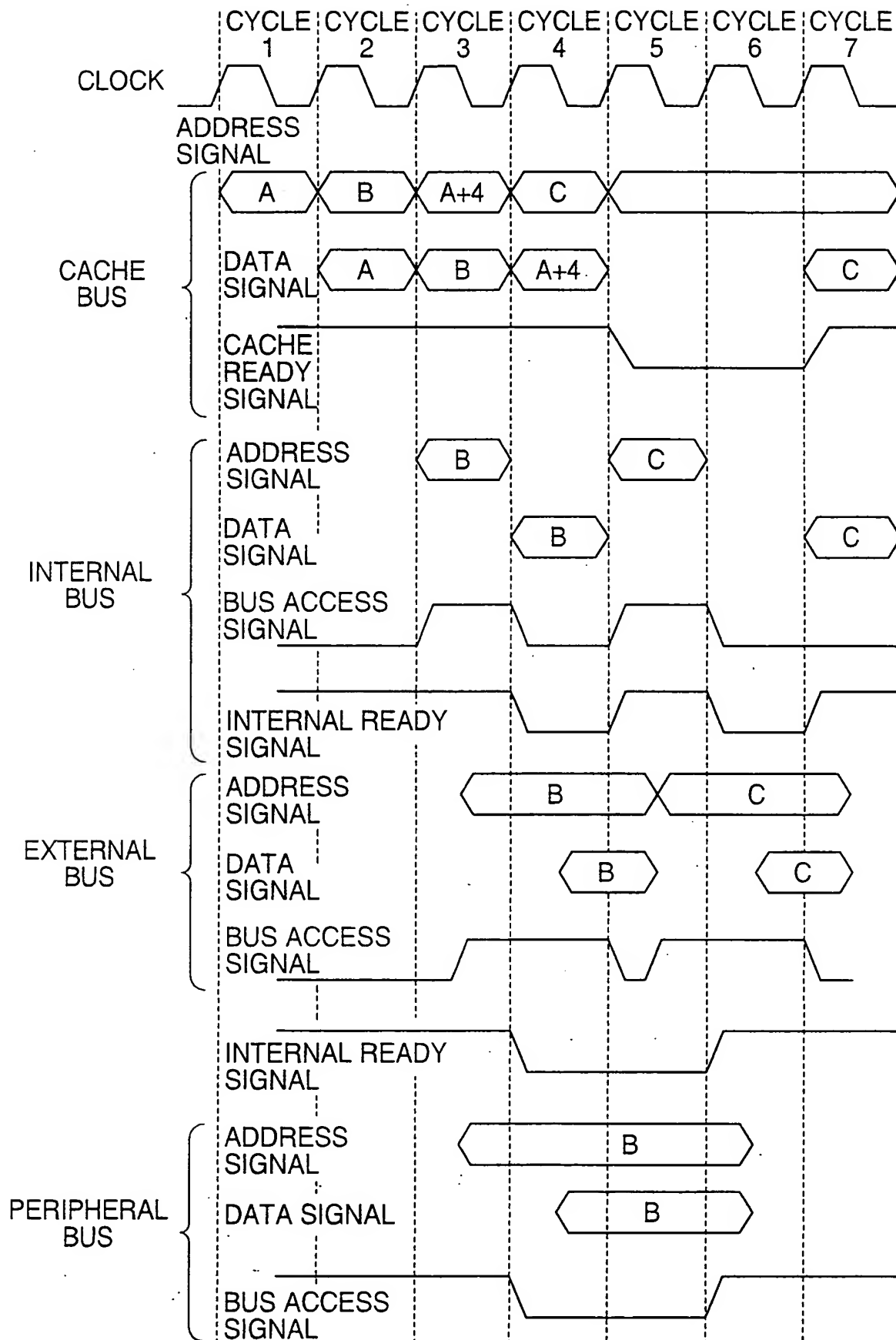


FIG. 33

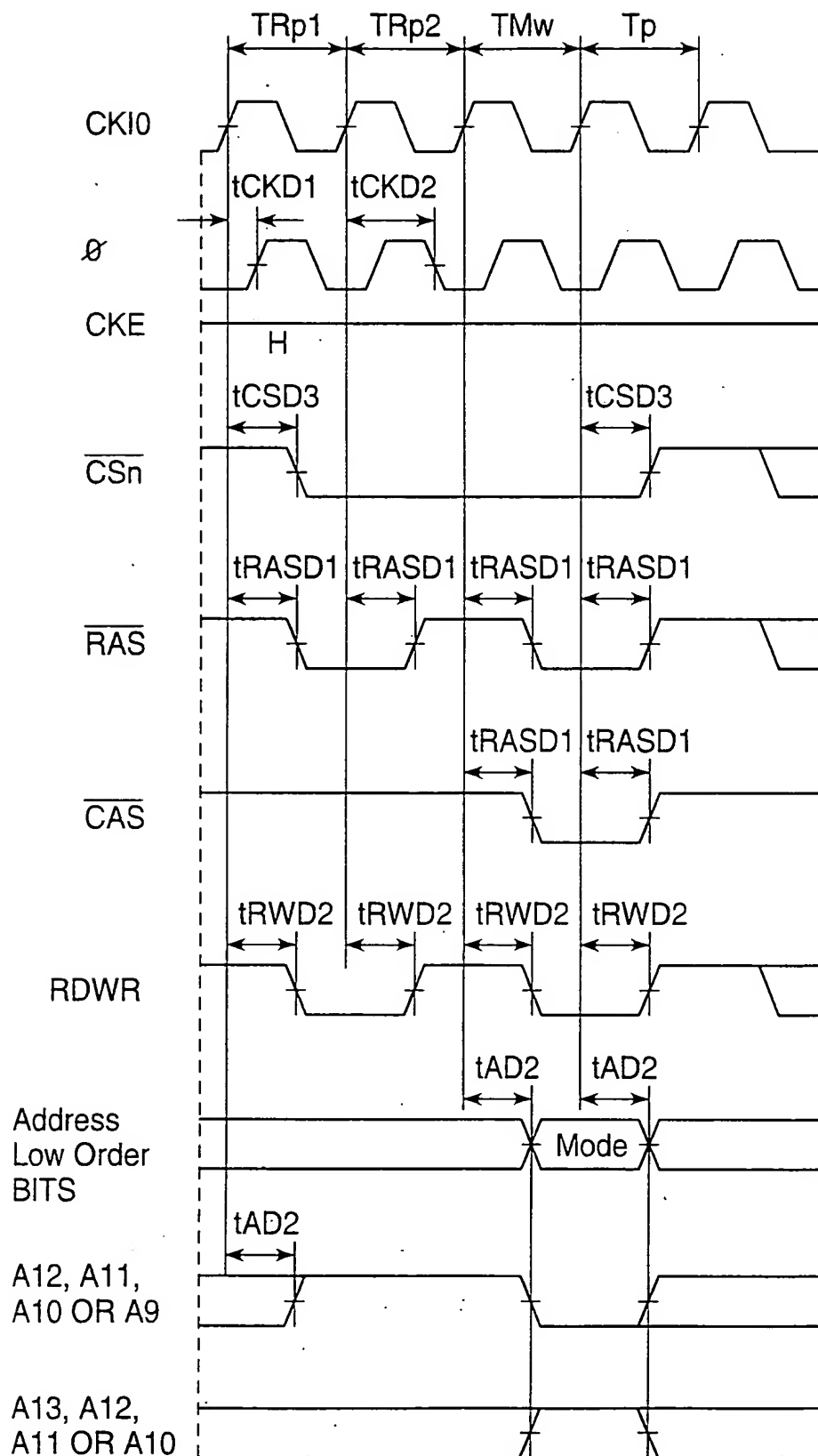
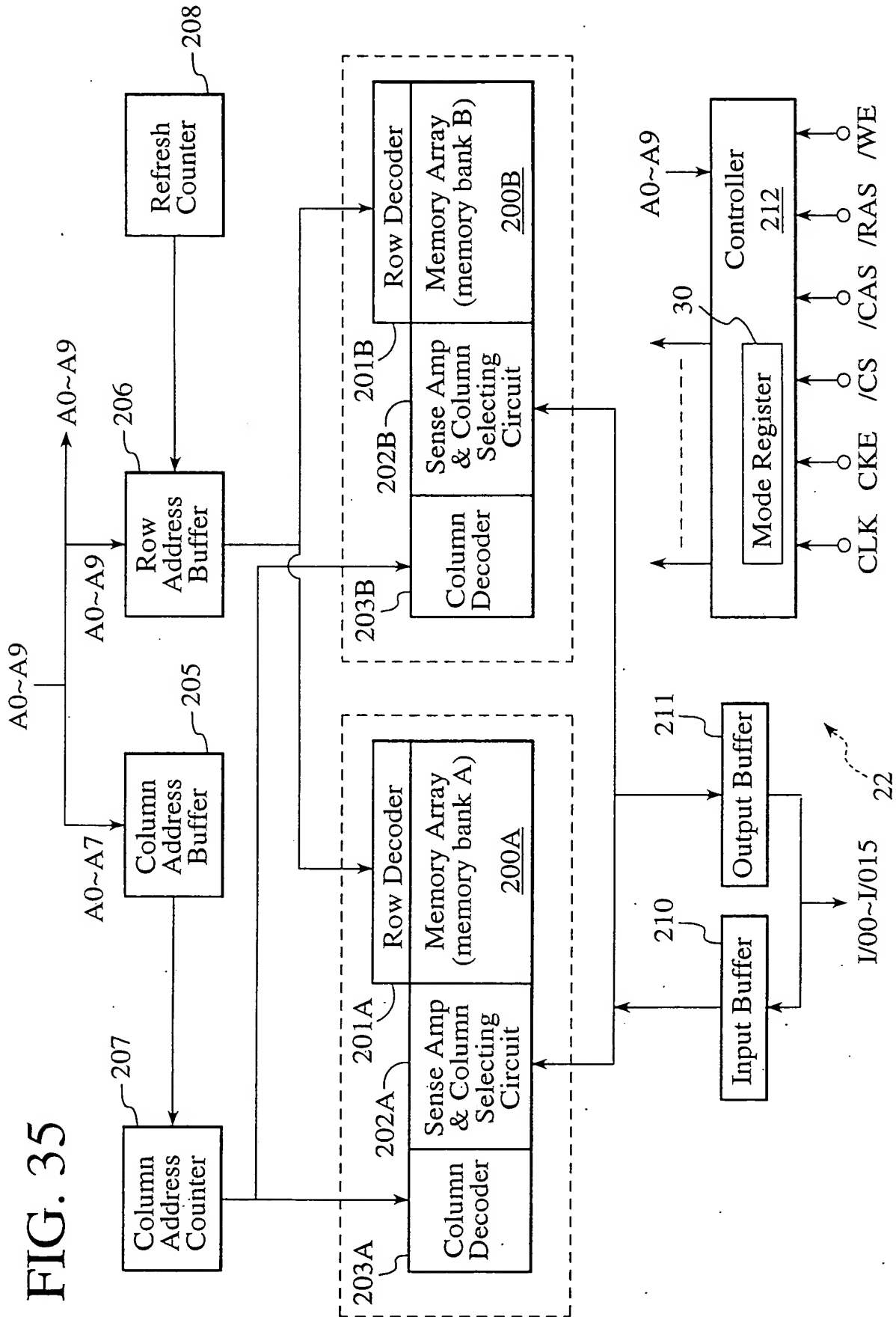


FIG. 34

FIG. 35



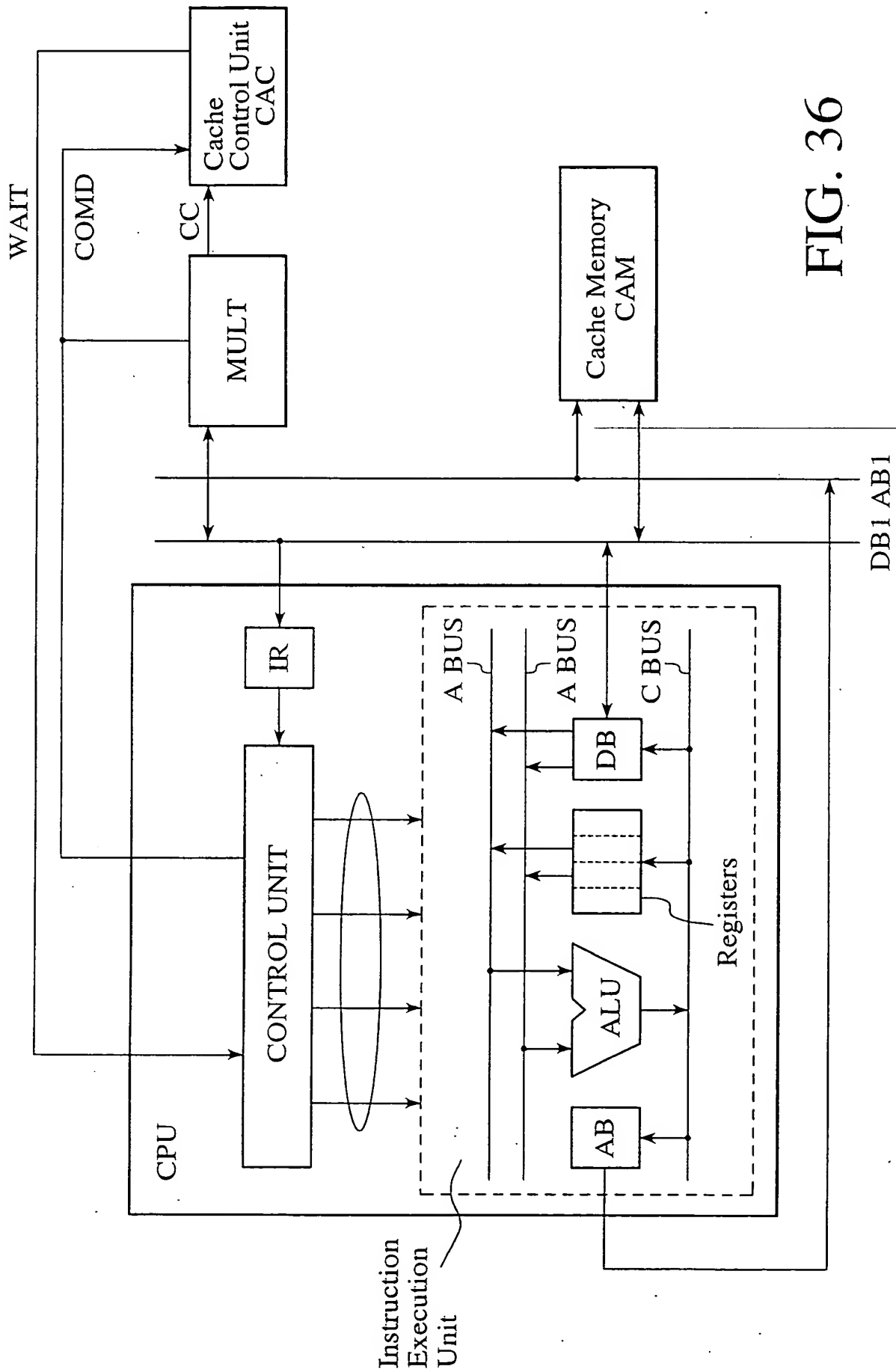


FIG. 36

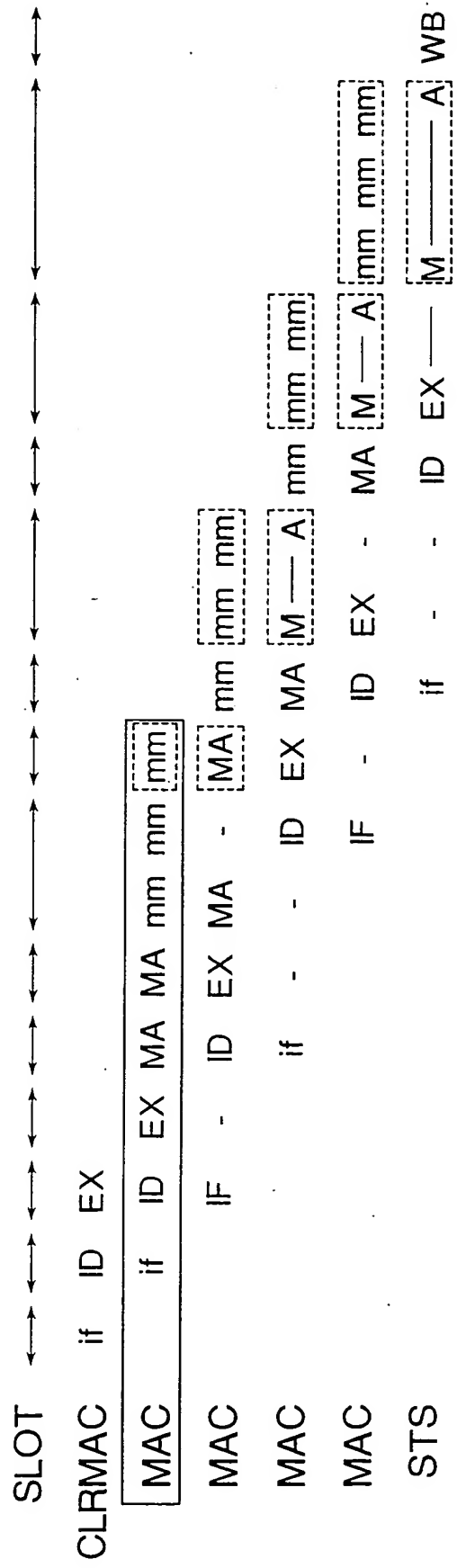


FIG. 37

FIG. 38

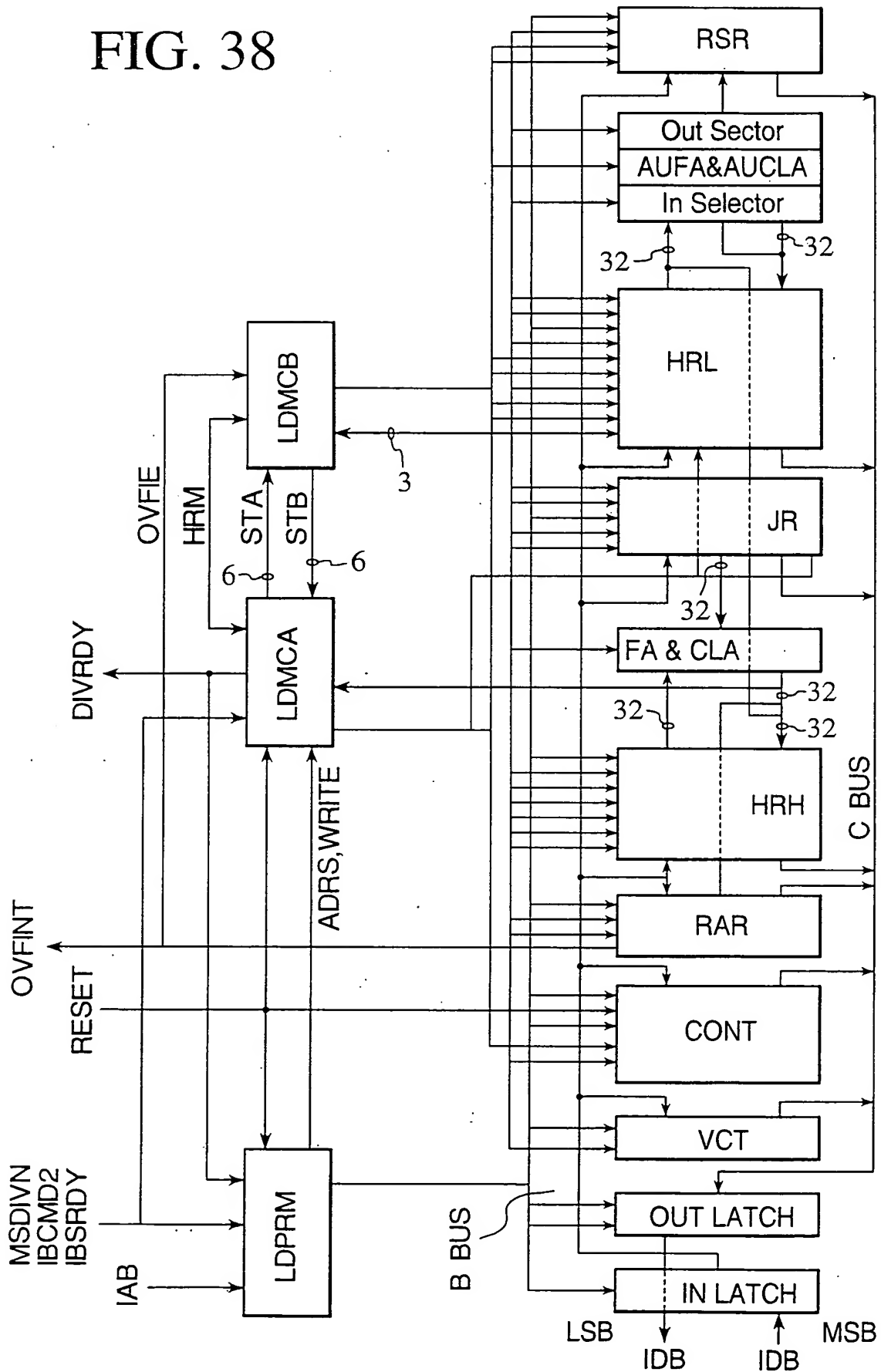


FIG. 39

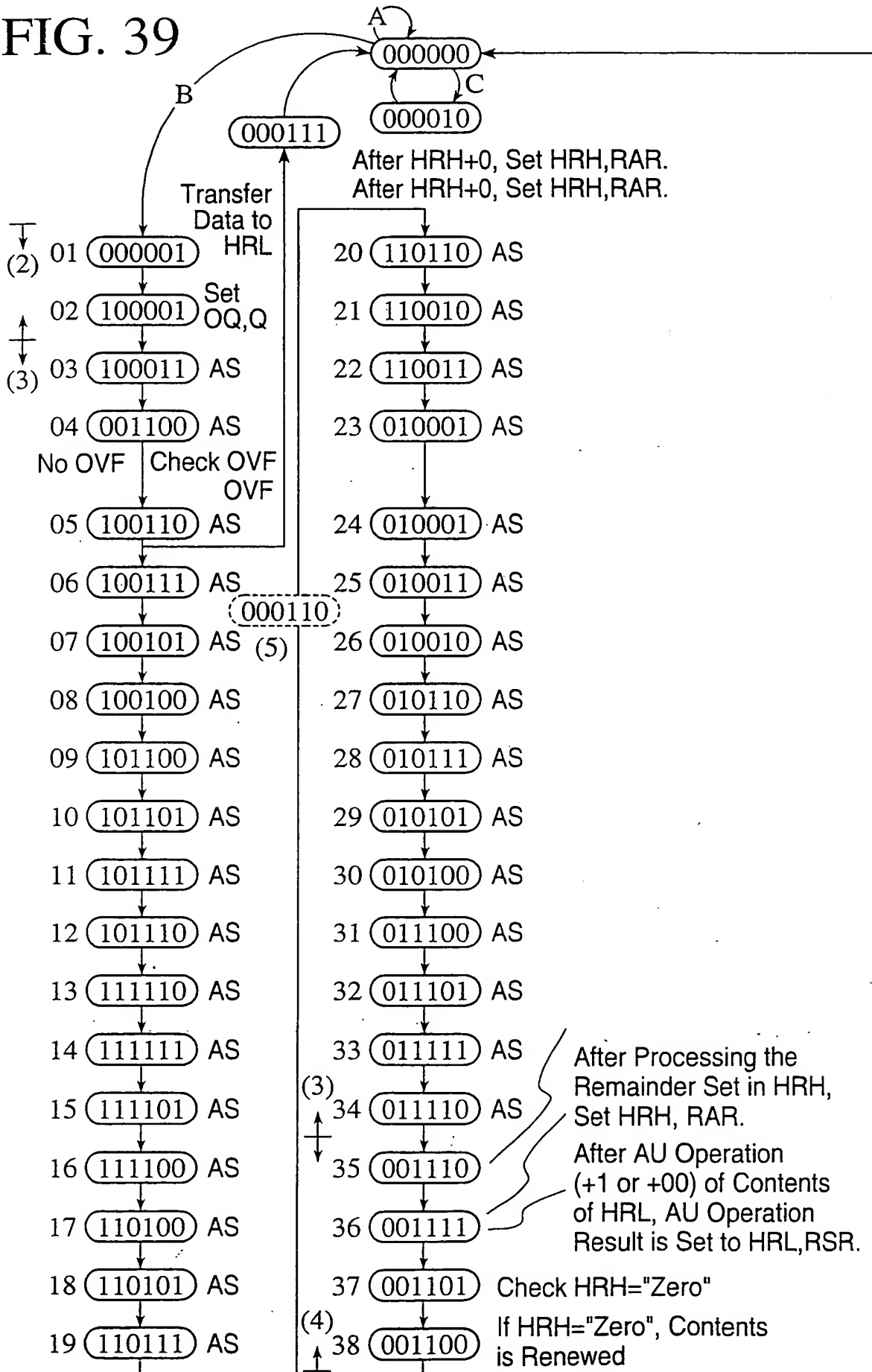
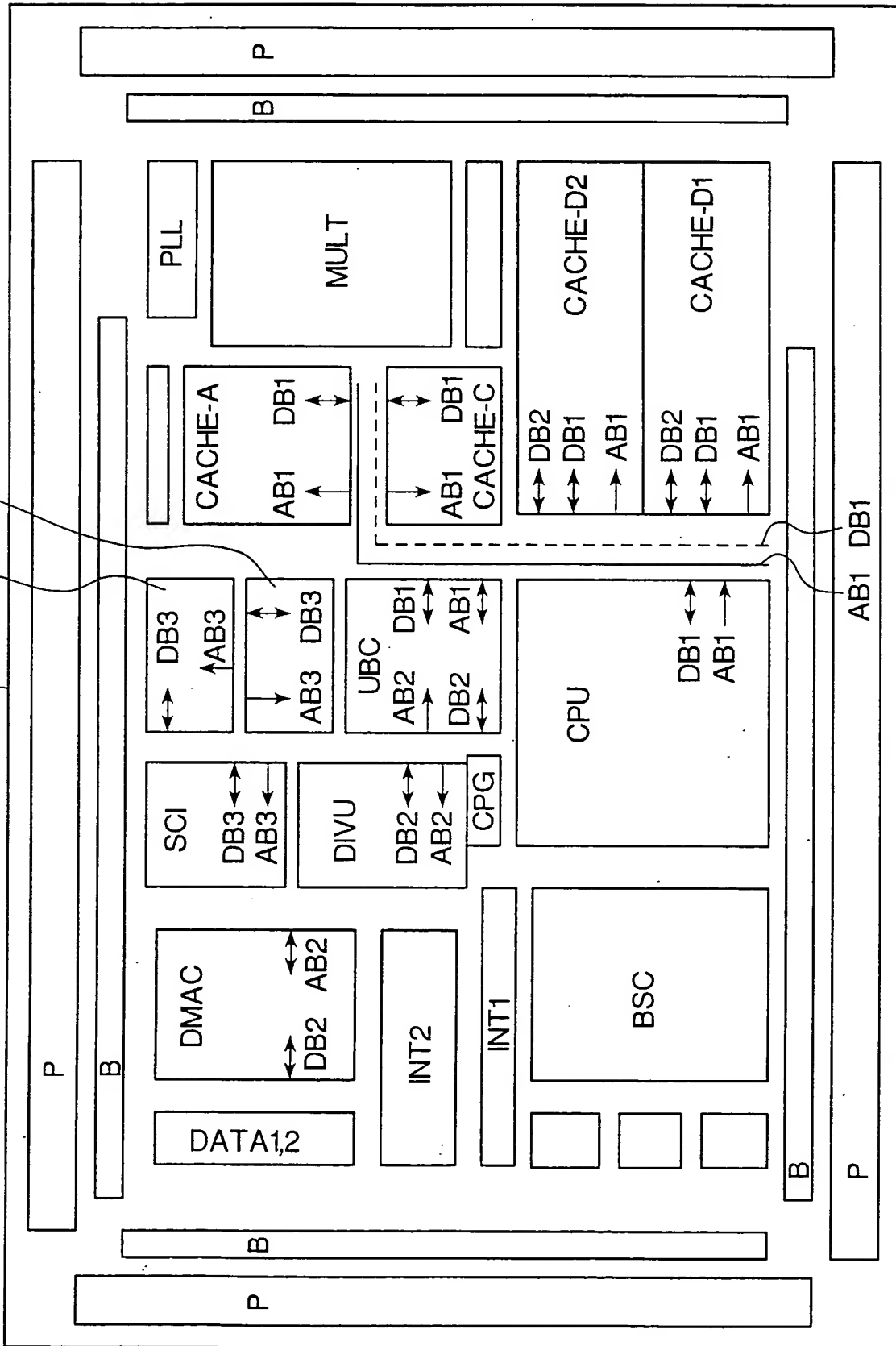


FIG. 40 Semiconductor Chip 



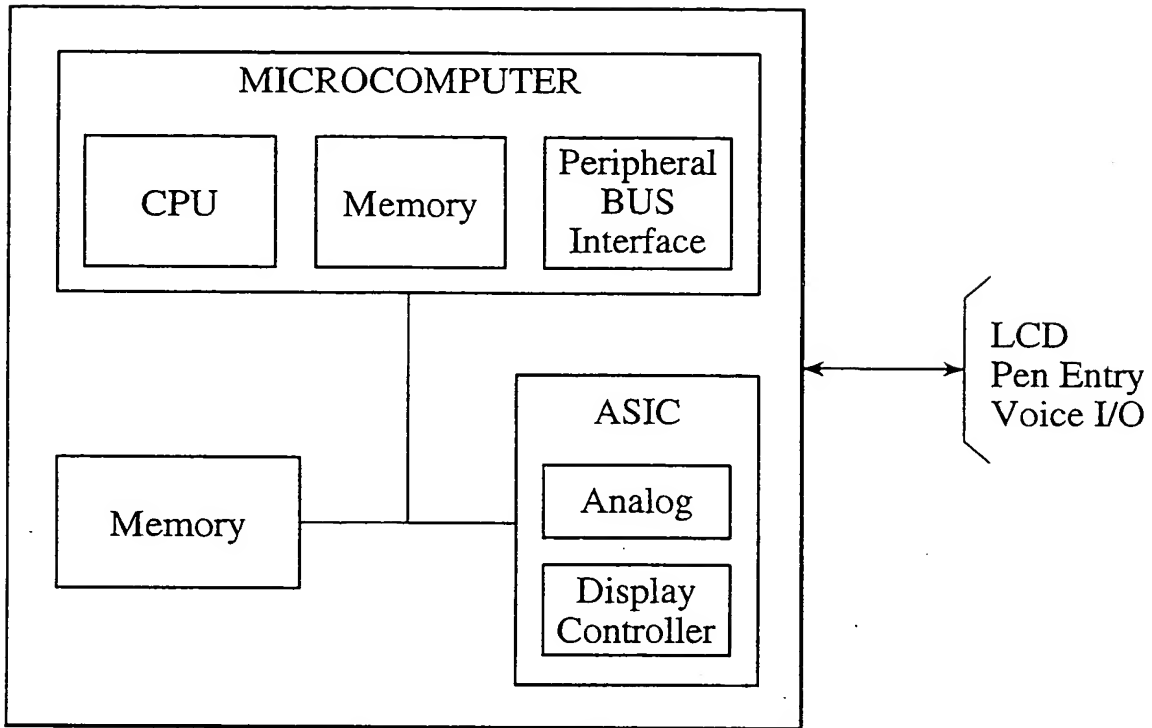


FIG. 41A

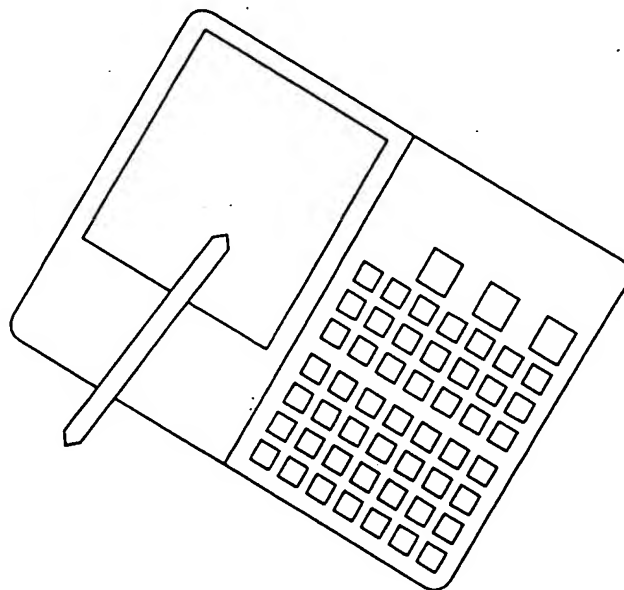


FIG. 41B

FIG. 42

